

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016260.D
 Acq On : 08 Nov 2023 12:29
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110823

Quant Time: Nov 09 00:57:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
 Supervised By :Mahesh Dadoda 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	190179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	295619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	252529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	84239	48.464	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.920%		
35) Dibromofluoromethane	7.728	113	86425	51.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.920%		
50) Toluene-d8	10.191	98	358599	52.658	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.320%		
62) 4-Bromofluorobenzene	12.489	95	115639	52.284	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	87783	47.140	ug/l	97
3) Chloromethane	2.119	50	99731	45.729	ug/l	100
4) Vinyl Chloride	2.253	62	110789	47.242	ug/l	98
5) Bromomethane	2.656	94	74506	48.344	ug/l	99
6) Chloroethane	2.802	64	70905	47.383	ug/l	95
7) Trichlorofluoromethane	3.137	101	163825	48.016	ug/l	99
8) Diethyl Ether	3.534	74	47606	46.685	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.905	101	98653	48.007	ug/l	95
10) Methyl Iodide	4.101	142	108039	48.679	ug/l	98
11) Tert butyl alcohol	4.960	59	27293	200.519	ug/l #	78
12) 1,1-Dichloroethene	3.881	96	92641	48.205	ug/l	91
13) Acrolein	3.741	56	33638	204.891	ug/l	99
14) Allyl chloride	4.491	41	133300	48.878	ug/l #	92
15) Acrylonitrile	5.174	53	91914	227.130	ug/l	97
16) Acetone	3.954	43	60212	209.423	ug/l	92
17) Carbon Disulfide	4.210	76	278467	48.023	ug/l	99
18) Methyl Acetate	4.485	43	68912	45.107	ug/l #	90
19) Methyl tert-butyl Ether	5.234	73	216957	46.643	ug/l	98
20) Methylene Chloride	4.729	84	99325	48.820	ug/l	90
21) trans-1,2-Dichloroethene	5.234	96	106592	48.172	ug/l	96
22) Diisopropyl ether	6.131	45	282431	48.053	ug/l	89
23) Vinyl Acetate	6.070	43	680705	239.021	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	174058	48.004	ug/l	96
25) 2-Butanone	6.996	43	111331	221.073	ug/l	92
26) 2,2-Dichloropropane	6.996	77	161299	48.877	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	114281	47.923	ug/l	93
28) Bromochloromethane	7.344	49	62680	46.708	ug/l	91
29) Tetrahydrofuran	7.362	42	75929	228.111	ug/l	90
30) Chloroform	7.521	83	180137	47.729	ug/l	96
31) Cyclohexane	7.795	56	161741	47.263	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	168738	48.773	ug/l	98
36) 1,1-Dichloropropene	7.929	75	148028	50.765	ug/l	99
37) Ethyl Acetate	7.088	43	53285	45.226	ug/l #	93
38) Carbon Tetrachloride	7.911	117	154523	51.059	ug/l	98
39) Methylcyclohexane	9.197	83	185226	50.978	ug/l	92
40) Benzene	8.173	78	410561	50.114	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016260.D
 Acq On : 08 Nov 2023 12:29
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY110823

Quant Time: Nov 09 00:57:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
 Supervised By :Mahesh Dadoda 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	28083	47.273	ug/l	91
42) 1,2-Dichloroethane	8.246	62	104297	49.134	ug/l	93
43) Isopropyl Acetate	8.283	43	108115	47.473	ug/l #	90
44) Trichloroethene	8.953	130	117815	50.038	ug/l	94
45) 1,2-Dichloropropane	9.228	63	98768	50.200	ug/l	96
46) Dibromomethane	9.313	93	52391	49.138	ug/l	97
47) Bromodichloromethane	9.508	83	135634	49.482	ug/l	97
48) Methyl methacrylate	9.301	41	60422	48.005	ug/l	86
49) 1,4-Dioxane	9.307	88	10340	913.493	ug/l #	56
51) 4-Methyl-2-Pentanone	10.081	43	269527	234.038	ug/l	90
52) Toluene	10.252	92	262337	50.657	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	132561	49.887	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	158113	49.818	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	71121	48.397	ug/l	95
56) Ethyl methacrylate	10.520	69	68237	49.190	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	121977	48.694	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	225629	239.874	ug/l	94
59) 2-Hexanone	10.843	43	186435	217.641	ug/l	87
60) Dibromochloromethane	10.996	129	91922	50.015	ug/l	99
61) 1,2-Dibromoethane	11.099	107	69069	49.334	ug/l	100
64) Tetrachloroethene	10.734	164	114109	50.325	ug/l	97
65) Chlorobenzene	11.526	112	273353	50.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	100783	50.645	ug/l	98
67) Ethyl Benzene	11.599	91	500876	51.656	ug/l	99
68) m/p-Xylenes	11.709	106	382829	104.094	ug/l	94
69) o-Xylene	12.038	106	176006	51.545	ug/l	97
70) Styrene	12.056	104	254924	52.138	ug/l	97
71) Bromoform	12.215	173	51664	50.034	ug/l #	100
73) Isopropylbenzene	12.337	105	485740	50.625	ug/l	100
74) N-amyl acetate	12.154	43	92316	47.900	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	71636	46.529	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	50979m	44.851	ug/l	
77) Bromobenzene	12.617	156	105778	48.779	ug/l	95
78) n-propylbenzene	12.678	91	572227	50.465	ug/l	99
79) 2-Chlorotoluene	12.764	91	311275	49.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	391786	50.646	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	25570	48.830	ug/l	89
82) 4-Chlorotoluene	12.867	91	320059	49.567	ug/l	99
83) tert-Butylbenzene	13.081	119	343673	50.438	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	379761	49.857	ug/l	98
85) sec-Butylbenzene	13.264	105	494445	50.794	ug/l	99
86) p-Isopropyltoluene	13.379	119	424907	50.693	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	203161	48.697	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	199885	49.024	ug/l	99
89) n-Butylbenzene	13.709	91	395042	51.034	ug/l	97
90) Hexachloroethane	13.971	117	79936	49.437	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	172127	48.148	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10443	42.633	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	103846	49.765	ug/l	99
94) Hexachlorobutadiene	15.123	225	58033	48.543	ug/l	98
95) Naphthalene	15.245	128	178457	47.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	83628	48.453	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
Data File : VY016260.D
Acq On : 08 Nov 2023 12:29
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110823

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
Supervised By :Mahesh Dadoda 11/09/2023

Quant Time: Nov 09 00:57:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

