

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
 Data File : VY016625.D
 Acq On : 07 Dec 2023 15:40
 Operator : SY/MD
 Sample : VY1207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1207SBS01

Quant Time: Dec 07 15:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
 Supervised By :Semsettin Yesilyurt 12/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	183038	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	261946	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	230287	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	119715	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	82731	48.902	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.800%		
35) Dibromofluoromethane	7.746	113	75349	47.798	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.600%		
50) Toluene-d8	10.203	98	292077	48.983	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.502	95	102593	52.320	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	34929	21.603	ug/l	92
3) Chloromethane	2.131	50	44331	26.430	ug/l	97
4) Vinyl Chloride	2.272	62	46126	27.232	ug/l	100
5) Bromomethane	2.668	94	28938	27.274	ug/l	95
6) Chloroethane	2.814	64	29002	27.720	ug/l	96
7) Trichlorofluoromethane	3.150	101	81431	25.431	ug/l	99
8) Diethyl Ether	3.558	74	17365	19.472	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.936	101	35292	19.709	ug/l	92
10) Methyl Iodide	4.125	142	39838	21.056	ug/l	98
11) Tert butyl alcohol	4.997	59	11369	98.632	ug/l #	97
12) 1,1-Dichloroethene	3.905	96	32960	20.262	ug/l	91
13) Acrolein	3.753	56	13714	81.837	ug/l	96
14) Allyl chloride	4.515	41	40632	16.368	ug/l #	82
15) Acrylonitrile	5.204	53	31790	88.319	ug/l	97
16) Acetone	3.973	43	40684	106.272	ug/l	95
17) Carbon Disulfide	4.229	76	81950	17.969	ug/l	98
18) Methyl Acetate	4.515	43	22423	14.777	ug/l #	85
19) Methyl tert-butyl Ether	5.253	73	85497	21.381	ug/l	92
20) Methylene Chloride	4.759	84	40876	22.357	ug/l #	82
21) trans-1,2-Dichloroethene	5.259	96	36315	19.853	ug/l	88
22) Diisopropyl ether	6.149	45	86964	17.033	ug/l #	90
23) Vinyl Acetate	6.094	43	216883	88.490	ug/l #	89
24) 1,1-Dichloroethane	6.058	63	57667	18.385	ug/l	95
25) 2-Butanone	7.015	43	48530	92.189	ug/l #	87
26) 2,2-Dichloropropane	7.015	77	63817	21.642	ug/l	99
27) cis-1,2-Dichloroethene	7.027	96	40504	20.116	ug/l	92
28) Bromochloromethane	7.368	49	20613	16.224	ug/l #	63
29) Tetrahydrofuran	7.380	42	23446	78.120	ug/l #	80
30) Chloroform	7.539	83	70056	20.953	ug/l	99
31) Cyclohexane	7.819	56	49477	17.132	ug/l #	80
32) 1,1,1-Trichloroethane	7.734	97	71725	22.667	ug/l	97
36) 1,1-Dichloropropene	7.947	75	49819	20.790	ug/l	97
37) Ethyl Acetate	7.106	43	17827	17.779	ug/l #	94
38) Carbon Tetrachloride	7.935	117	68428	24.667	ug/l	98
39) Methylcyclohexane	9.209	83	61287	21.228	ug/l	88
40) Benzene	8.191	78	139262	20.618	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
 Data File : VY016625.D
 Acq On : 07 Dec 2023 15:40
 Operator : SY/MD
 Sample : VY1207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1207SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
 Supervised By :Semsettin Yesilyurt 12/08/2023

Quant Time: Dec 07 15:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	9146	15.793	ug/l	94
42) 1,2-Dichloroethane	8.264	62	45727	23.316	ug/l	97
43) Isopropyl Acetate	8.295	43	35501	18.353	ug/l #	87
44) Trichloroethene	8.966	130	45996	22.581	ug/l	87
45) 1,2-Dichloropropane	9.240	63	30525	18.772	ug/l	96
46) Dibromomethane	9.331	93	19457	21.826	ug/l	92
47) Bromodichloromethane	9.520	83	51970	21.898	ug/l #	96
48) Methyl methacrylate	9.313	41	20026	17.927	ug/l	88
49) 1,4-Dioxane	9.325	88	3678	407.622	ug/l #	68
51) 4-Methyl-2-Pentanone	10.093	43	89221	88.755	ug/l	93
52) Toluene	10.264	92	95243	22.499	ug/l	92
53) t-1,3-Dichloropropene	10.490	75	49237	21.983	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	56962	21.654	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	26759	21.549	ug/l	95
56) Ethyl methacrylate	10.532	69	23136	20.326	ug/l	90
57) 1,3-Dichloropropane	10.813	76	43784	20.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.807	63	60298	85.961	ug/l #	83
59) 2-Hexanone	10.855	43	75075	98.724	ug/l	91
60) Dibromochloromethane	11.008	129	38807	23.389	ug/l	99
61) 1,2-Dibromoethane	11.111	107	25450	21.790	ug/l	97
64) Tetrachloroethene	10.746	164	49421	23.416	ug/l	95
65) Chlorobenzene	11.538	112	104776	22.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	43481	23.851	ug/l	97
67) Ethyl Benzene	11.618	91	184660	22.075	ug/l	96
68) m/p-Xylenes	11.721	106	146541	46.146	ug/l	92
69) o-Xylene	12.050	106	67920	22.911	ug/l	96
70) Styrene	12.069	104	100796	23.698	ug/l	98
71) Bromoform	12.227	173	24037	24.418	ug/l #	99
73) Isopropylbenzene	12.349	105	194834	21.979	ug/l	99
74) N-amyl acetate	12.166	43	30868	17.463	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.605	83	24978	17.716	ug/l	95
76) 1,2,3-Trichloropropane	12.654	75	22139m	20.472	ug/l	
77) Bromobenzene	12.630	156	47510	22.741	ug/l	82
78) n-propylbenzene	12.691	91	215176	20.855	ug/l	95
79) 2-Chlorotoluene	12.776	91	122048	20.992	ug/l	96
80) 1,3,5-Trimethylbenzene	12.831	105	162123	22.508	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	9026	18.828	ug/l	94
82) 4-Chlorotoluene	12.873	91	126846	21.084	ug/l	95
83) tert-Butylbenzene	13.093	119	148152	23.021	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	159080	22.611	ug/l	97
85) sec-Butylbenzene	13.276	105	196182	21.704	ug/l	97
86) p-Isopropyltoluene	13.392	119	179562	22.885	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	91434	22.927	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	88307	22.562	ug/l	99
89) n-Butylbenzene	13.715	91	152219	21.572	ug/l	95
90) Hexachloroethane	13.983	117	33006	21.379	ug/l	94
91) 1,2-Dichlorobenzene	13.757	146	78236	22.849	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4961	21.988	ug/l	90
93) 1,2,4-Trichlorobenzene	15.032	180	47917	24.800	ug/l	98
94) Hexachlorobutadiene	15.135	225	31889	26.123	ug/l	97
95) Naphthalene	15.257	128	76491	26.471	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	38530	27.004	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
Data File : VY016625.D
Acq On : 07 Dec 2023 15:40
Operator : SY/MD
Sample : VY1207SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1207SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/08/2023
Supervised By :Semsettin Yesilyurt 12/08/2023

Quant Time: Dec 07 15:55:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration

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

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

