

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016537.D
 Acq On : 29 Nov 2023 15:23
 Operator : SY/MD
 Sample : VY1129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1129SBS01

Quant Time: Nov 30 03:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

11/30/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	176674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	273441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	235857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	111876	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.173	65	71545	51.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.520%	
35) Dibromofluoromethane	7.752	113	80047	49.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.760%	
50) Toluene-d8	10.203	98	309150	49.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.501	95	101867	52.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.918	85	32260	20.962	ug/l	96
3) Chloromethane	2.131	50	31878	20.764	ug/l	96
4) Vinyl Chloride	2.272	62	34117	19.689	ug/l	99
5) Bromomethane	2.674	94	23045	20.545	ug/l	91
6) Chloroethane	2.820	64	22319	19.952	ug/l	92
7) Trichlorofluoromethane	3.156	101	61018	20.341	ug/l	100
8) Diethyl Ether	3.558	74	16638	20.882	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.930	101	34686	20.369	ug/l	97
10) Methyl Iodide	4.131	142	36481	18.936	ug/l	99
11) Tert butyl alcohol	5.003	59	10217m	115.489	ug/l	
12) 1,1-Dichloroethene	3.905	96	32299	20.295	ug/l	84
13) Acrolein	3.759	56	16730	99.799	ug/l	99
14) Allyl chloride	4.515	41	37069	20.261	ug/l #	88
15) Acrylonitrile	5.210	53	30603	108.543	ug/l	96
16) Acetone	3.979	43	33278	120.856	ug/l #	79
17) Carbon Disulfide	4.235	76	87804	19.555	ug/l	100
18) Methyl Acetate	4.515	43	21861	21.159	ug/l #	85
19) Methyl tert-butyl Ether	5.265	73	73344	21.148	ug/l	96
20) Methylene Chloride	4.759	84	42907	24.940	ug/l #	78
21) trans-1,2-Dichloroethene	5.265	96	35751	20.169	ug/l	90
22) Diisopropyl ether	6.155	45	80909	21.090	ug/l #	87
23) Vinyl Acetate	6.100	43	193461	109.354	ug/l #	86
24) 1,1-Dichloroethane	6.057	63	55625	20.546	ug/l	94
25) 2-Butanone	7.021	43	43838	116.407	ug/l #	81
26) 2,2-Dichloropropane	7.015	77	53951	20.162	ug/l	96
27) cis-1,2-Dichloroethene	7.021	96	39544	20.765	ug/l	85
28) Bromochloromethane	7.368	49	20482	20.933	ug/l #	69
29) Tetrahydrofuran	7.386	42	22413	110.785	ug/l #	76
30) Chloroform	7.539	83	61205	20.283	ug/l	98
31) Cyclohexane	7.819	56	48445	19.770	ug/l #	80
32) 1,1,1-Trichloroethane	7.734	97	59665	20.404	ug/l	95
36) 1,1-Dichloropropene	7.953	75	47421	20.010	ug/l	97
37) Ethyl Acetate	7.106	43	16340	21.999	ug/l #	92
38) Carbon Tetrachloride	7.935	117	55432	19.929	ug/l	98
39) Methylcyclohexane	9.209	83	58212	19.693	ug/l	88
40) Benzene	8.191	78	135586	20.178	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016537.D
 Acq On : 29 Nov 2023 15:23
 Operator : SY/MD
 Sample : VY1129SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1129SBS01

Quant Time: Nov 30 03:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

11/30/2023
 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.350	41	8637	22.074	ug/l	#	65
42) 1,2-Dichloroethane	8.264	62	34506	20.723	ug/l		92
43) Isopropyl Acetate	8.301	43	31492	21.561	ug/l	#	82
44) Trichloroethene	8.972	130	41933	20.261	ug/l		93
45) 1,2-Dichloropropane	9.240	63	30488	20.108	ug/l		97
46) Dibromomethane	9.331	93	17768	20.840	ug/l		96
47) Bromodichloromethane	9.520	83	46221	20.534	ug/l		95
48) Methyl methacrylate	9.319	41	17037	20.777	ug/l	#	73
49) 1,4-Dioxane	9.331	88	3609	456.694	ug/l	#	54
51) 4-Methyl-2-Pentanone	10.093	43	83250	109.257	ug/l	#	86
52) Toluene	10.270	92	87807	20.342	ug/l		95
53) t-1,3-Dichloropropene	10.490	75	43165	20.694	ug/l		98
54) cis-1,3-Dichloropropene	9.953	75	52265	20.678	ug/l	#	84
55) 1,1,2-Trichloroethane	10.666	97	26129	21.239	ug/l		92
56) Ethyl methacrylate	10.532	69	22365	21.482	ug/l	#	73
57) 1,3-Dichloropropane	10.813	76	41852	21.120	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.807	63	68142	105.844	ug/l	#	87
59) 2-Hexanone	10.855	43	71301	118.464	ug/l		82
60) Dibromochloromethane	11.008	129	34137	21.229	ug/l		99
61) 1,2-Dibromoethane	11.111	107	24676	21.240	ug/l		99
64) Tetrachloroethene	10.746	164	42843	20.411	ug/l		94
65) Chlorobenzene	11.538	112	96307	20.390	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.611	131	36931	20.396	ug/l		100
67) Ethyl Benzene	11.617	91	165950	20.015	ug/l		97
68) m/p-Xylenes	11.727	106	130004	40.514	ug/l		92
69) o-Xylene	12.050	106	60626	20.580	ug/l		94
70) Styrene	12.069	104	86657	20.445	ug/l		97
71) Bromoform	12.227	173	19992	21.375	ug/l	#	97
73) Isopropylbenzene	12.349	105	167260	19.715	ug/l		98
74) N-amyl acetate	12.166	43	25626	21.388	ug/l	#	80
75) 1,1,2,2-Tetrachloroethane	12.605	83	25694	20.402	ug/l		97
76) 1,2,3-Trichloropropane	12.654	75	18371m	19.557	ug/l		
77) Bromobenzene	12.629	156	39067	19.776	ug/l		90
78) n-propylbenzene	12.690	91	191521	19.732	ug/l		97
79) 2-Chlorotoluene	12.776	91	106427	19.714	ug/l		97
80) 1,3,5-Trimethylbenzene	12.831	105	136018	19.944	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.398	75	8859	20.569	ug/l		86
82) 4-Chlorotoluene	12.873	91	111712	20.154	ug/l		97
83) tert-Butylbenzene	13.099	119	122951	19.976	ug/l		96
84) 1,2,4-Trimethylbenzene	13.142	105	133947	20.173	ug/l		97
85) sec-Butylbenzene	13.276	105	170940	20.081	ug/l		98
86) p-Isopropyltoluene	13.391	119	148664	20.213	ug/l		97
87) 1,3-Dichlorobenzene	13.385	146	76530	20.516	ug/l		99
88) 1,4-Dichlorobenzene	13.465	146	74418	20.383	ug/l		98
89) n-Butylbenzene	13.715	91	131165	20.346	ug/l		95
90) Hexachloroethane	13.983	117	28653	19.967	ug/l		97
91) 1,2-Dichlorobenzene	13.757	146	64802	20.498	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3851	21.736	ug/l		79
93) 1,2,4-Trichlorobenzene	15.031	180	36828	21.132	ug/l		99
94) Hexachlorobutadiene	15.135	225	23815	21.751	ug/l		97
95) Naphthalene	15.257	128	61212	20.929	ug/l		98
96) 1,2,3-Trichlorobenzene	15.446	180	29563	21.286	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
Data File : VY016537.D
Acq On : 29 Nov 2023 15:23
Operator : SY/MD
Sample : VY1129SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1129SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

11/30/2023
Supervised By :Semsettin
Yesilyurt

11/30/2023

Quant Time: Nov 30 03:32:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

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

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

