

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016554.D
 Acq On : 01 Dec 2023 10:44
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Dec 01 23:35:19 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

12/04/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	158292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	244103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	210046	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	100953	50.000	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.161	65	64809	51.823	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.640%	
35) Dibromofluoromethane	7.740	113	75412	52.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.280%	
50) Toluene-d8	10.197	98	294156	52.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.495	95	95060	54.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.060%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	30364	22.021	ug/l	96
3) Chloromethane	2.125	50	30314	22.039	ug/l	96
4) Vinyl Chloride	2.266	62	34541	22.249	ug/l	95
5) Bromomethane	2.668	94	21617	21.510	ug/l	98
6) Chloroethane	2.814	64	21785	21.736	ug/l	97
7) Trichlorofluoromethane	3.143	101	58954	21.935	ug/l	98
8) Diethyl Ether	3.552	74	14342	20.091	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.918	101	33289	21.819	ug/l	97
10) Methyl Iodide	4.113	142	35853	20.771	ug/l	96
11) Tert butyl alcohol	4.966	59	7628	96.236	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	30148	21.143	ug/l	82
13) Acrolein	3.747	56	13143	87.506	ug/l	98
14) Allyl chloride	4.503	41	33530	20.455	ug/l #	88
15) Acrylonitrile	5.186	53	25760	101.976	ug/l	94
16) Acetone	3.966	43	27954	113.375	ug/l #	83
17) Carbon Disulfide	4.216	76	82716	20.562	ug/l	97
18) Methyl Acetate	4.497	43	17933	19.372	ug/l #	83
19) Methyl tert-butyl Ether	5.247	73	63743	20.514	ug/l	97
20) Methylene Chloride	4.741	84	35062	22.497	ug/l #	80
21) trans-1,2-Dichloroethene	5.247	96	34003	21.411	ug/l	83
22) Diisopropyl ether	6.143	45	73843	21.484	ug/l #	84
23) Vinyl Acetate	6.088	43	166277	104.903	ug/l #	86
24) 1,1-Dichloroethane	6.045	63	51940	21.412	ug/l	95
25) 2-Butanone	7.009	43	36229	107.374	ug/l #	78
26) 2,2-Dichloropropane	7.009	77	51905	21.650	ug/l	95
27) cis-1,2-Dichloroethene	7.015	96	36659	21.486	ug/l	86
28) Bromochloromethane	7.356	49	17971	20.499	ug/l #	65
29) Tetrahydrofuran	7.368	42	18254	100.705	ug/l #	75
30) Chloroform	7.527	83	58550	21.656	ug/l	94
31) Cyclohexane	7.807	56	45289	20.628	ug/l #	79
32) 1,1,1-Trichloroethane	7.728	97	57437	21.923	ug/l	94
36) 1,1-Dichloropropene	7.941	75	45002	21.271	ug/l	96
37) Ethyl Acetate	7.100	43	13816	20.836	ug/l #	92
38) Carbon Tetrachloride	7.923	117	54292	21.865	ug/l	99
39) Methylcyclohexane	9.203	83	54791	20.763	ug/l	87
40) Benzene	8.179	78	129849	21.647	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	6893m	19.734	ug/l	
42) 1,2-Dichloroethane	8.258	62	32393	21.792	ug/l	92
43) Isopropyl Acetate	8.289	43	26556	20.367	ug/l #	82
44) Trichloroethene	8.959	130	40425	21.879	ug/l	96
45) 1,2-Dichloropropane	9.234	63	29080	21.484	ug/l	98
46) Dibromomethane	9.325	93	16224	21.317	ug/l	96
47) Bromodichloromethane	9.514	83	44177	21.984	ug/l	99
48) Methyl methacrylate	9.307	41	14418	19.696	ug/l #	75
49) 1,4-Dioxane	9.319	88	2981	422.563	ug/l #	47
51) 4-Methyl-2-Pentanone	10.081	43	66561	97.853	ug/l #	84
52) Toluene	10.258	92	83995	21.798	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	39627	21.281	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	48743	21.602	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	23229	21.151	ug/l	93
56) Ethyl methacrylate	10.520	69	19253	20.715	ug/l #	75
57) 1,3-Dichloropropane	10.801	76	37920	21.436	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	53341	92.812	ug/l #	87
59) 2-Hexanone	10.843	43	57337	106.713	ug/l	80
60) Dibromochloromethane	10.996	129	31218	21.747	ug/l	100
61) 1,2-Dibromoethane	11.105	107	21921	21.136	ug/l	100
64) Tetrachloroethene	10.734	164	41000	21.933	ug/l	96
65) Chlorobenzene	11.532	112	92494	21.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	35450	21.984	ug/l	100
67) Ethyl Benzene	11.605	91	158941	21.525	ug/l	98
68) m/p-Xylenes	11.715	106	124897	43.706	ug/l	92
69) o-Xylene	12.044	106	58944	22.468	ug/l	93
70) Styrene	12.056	104	84114	22.283	ug/l	97
71) Bromoform	12.221	173	17864	21.447	ug/l #	99
73) Isopropylbenzene	12.343	105	161393	21.081	ug/l	98
74) N-amyl acetate	12.154	43	21465	19.854	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.593	83	22639	19.921	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	16655m	19.649	ug/l	
77) Bromobenzene	12.617	156	37631	21.110	ug/l	86
78) n-propylbenzene	12.684	91	186850	21.333	ug/l	97
79) 2-Chlorotoluene	12.770	91	102050	20.948	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	132667	21.557	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7673	19.743	ug/l #	85
82) 4-Chlorotoluene	12.867	91	107389	21.470	ug/l	97
83) tert-Butylbenzene	13.087	119	117145	21.092	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	129790	21.662	ug/l	98
85) sec-Butylbenzene	13.264	105	165408	21.534	ug/l	99
86) p-Isopropyltoluene	13.379	119	144755	21.811	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	72106	21.422	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	69956	21.234	ug/l	99
89) n-Butylbenzene	13.709	91	125836	21.632	ug/l	96
90) Hexachloroethane	13.971	117	27800	21.469	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	61051	21.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3273	20.472	ug/l	79
93) 1,2,4-Trichlorobenzene	15.019	180	33508	21.279	ug/l	97
94) Hexachlorobutadiene	15.123	225	22500	22.774	ug/l	99
95) Naphthalene	15.245	128	52302	20.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	26449	21.139	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

