

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016545.D
 Acq On : 30 Nov 2023 10:21
 Operator : SY/MD
 Sample : VY1130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1130SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023
 Supervised By :Semsettin Yesilyurt 12/01/2023

Quant Time: Dec 01 00:57:16 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.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	172639	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.710	114	263605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	225663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	107351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	68764	50.416	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%			
35) Dibromofluoromethane	7.740	113	80051	51.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.480%			
50) Toluene-d8	10.197	98	311165	51.856	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.495	95	100387	53.329	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	32739	21.770	ug/l	96
3) Chloromethane	2.125	50	31136	20.755	ug/l	98
4) Vinyl Chloride	2.266	62	36408	21.502	ug/l	98
5) Bromomethane	2.668	94	23005	20.988	ug/l	99
6) Chloroethane	2.814	64	22021	20.146	ug/l	97
7) Trichlorofluoromethane	3.143	101	59887	20.430	ug/l	99
8) Diethyl Ether	3.546	74	15653	20.105	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.924	101	33801	20.314	ug/l	97
10) Methyl Iodide	4.113	142	37199	19.760	ug/l	97
11) Tert butyl alcohol	4.972	59	8488	98.187	ug/l #	85
12) 1,1-Dichloroethene	3.899	96	32030	20.597	ug/l #	74
13) Acrolein	3.747	56	14407	87.950	ug/l	97
14) Allyl chloride	4.503	41	36224	20.262	ug/l #	87
15) Acrylonitrile	5.192	53	27549	99.995	ug/l	98
16) Acetone	3.960	43	29916	111.275	ug/l #	87
17) Carbon Disulfide	4.216	76	87129	19.859	ug/l	98
18) Methyl Acetate	4.497	43	18625	18.448	ug/l #	81
19) Methyl tert-butyl Ether	5.241	73	69241	20.432	ug/l	98
20) Methylene Chloride	4.741	84	35168	20.462	ug/l #	80
21) trans-1,2-Dichloroethene	5.247	96	35331	20.398	ug/l	86
22) Diisopropyl ether	6.143	45	77179	20.588	ug/l #	83
23) Vinyl Acetate	6.088	43	177910	102.914	ug/l #	86
24) 1,1-Dichloroethane	6.045	63	54603	20.639	ug/l	96
25) 2-Butanone	7.009	43	40572	110.253	ug/l #	82
26) 2,2-Dichloropropane	7.009	77	53893	20.611	ug/l	94
27) cis-1,2-Dichloroethene	7.015	96	38552	20.718	ug/l	87
28) Bromochloromethane	7.356	49	18504	19.353	ug/l #	65
29) Tetrahydrofuran	7.368	42	20243	102.397	ug/l #	78
30) Chloroform	7.533	83	61259	20.775	ug/l	98
31) Cyclohexane	7.807	56	49270	20.576	ug/l #	77
32) 1,1,1-Trichloroethane	7.728	97	58988	20.644	ug/l	95
36) 1,1-Dichloropropene	7.941	75	47158	20.641	ug/l	97
37) Ethyl Acetate	7.100	43	14873	20.771	ug/l #	91
38) Carbon Tetrachloride	7.923	117	54496	20.323	ug/l	94
39) Methylcyclohexane	9.203	83	57867	20.307	ug/l	89
40) Benzene	8.179	78	133112	20.549	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	7712m	20.446	ug/l	
42) 1,2-Dichloroethane	8.258	62	33075	20.604	ug/l	91
43) Isopropyl Acetate	8.295	43	28369	20.147	ug/l #	83
44) Trichloroethene	8.960	130	40749	20.423	ug/l	96
45) 1,2-Dichloropropane	9.234	63	30160	20.634	ug/l	96
46) Dibromomethane	9.319	93	16887	20.546	ug/l	98
47) Bromodichloromethane	9.514	83	44325	20.426	ug/l	96
48) Methyl methacrylate	9.307	41	15733	19.902	ug/l #	75
49) 1,4-Dioxane	9.319	88	3055	401.014	ug/l #	53
51) 4-Methyl-2-Pentanone	10.087	43	73287	99.770	ug/l #	84
52) Toluene	10.258	92	87391	21.001	ug/l	93
53) t-1,3-Dichloropropene	10.478	75	40848	20.314	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	50579	20.757	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	24430	20.599	ug/l	94
56) Ethyl methacrylate	10.526	69	20575	20.500	ug/l #	74
57) 1,3-Dichloropropane	10.807	76	39838	20.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	61142	98.514	ug/l #	87
59) 2-Hexanone	10.849	43	64212	110.667	ug/l	81
60) Dibromochloromethane	11.002	129	32576	21.014	ug/l	99
61) 1,2-Dibromoethane	11.105	107	23266	20.773	ug/l	99
64) Tetrachloroethene	10.734	164	41065	20.448	ug/l	99
65) Chlorobenzene	11.532	112	95015	21.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	35784	20.655	ug/l	99
67) Ethyl Benzene	11.605	91	166821	21.029	ug/l	97
68) m/p-Xylenes	11.715	106	129636	42.225	ug/l	93
69) o-Xylene	12.044	106	59982	21.281	ug/l	96
70) Styrene	12.057	104	87724	21.631	ug/l	96
71) Bromoform	12.221	173	18746	20.949	ug/l #	100
73) Isopropylbenzene	12.343	105	167829	20.615	ug/l	99
74) N-amyl acetate	12.154	43	22480	19.553	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.593	83	23857	19.742	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	19576m	21.719	ug/l	
77) Bromobenzene	12.624	156	38745	20.440	ug/l	87
78) n-propylbenzene	12.684	91	191289	20.538	ug/l	96
79) 2-Chlorotoluene	12.770	91	106489	20.557	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	136102	20.797	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	8078	19.546	ug/l	89
82) 4-Chlorotoluene	12.867	91	109509	20.589	ug/l	96
83) tert-Butylbenzene	13.087	119	119943	20.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	135834	21.319	ug/l	98
85) sec-Butylbenzene	13.270	105	172370	21.103	ug/l	99
86) p-Isopropyltoluene	13.386	119	150906	21.383	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	75228	21.017	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	72772	20.772	ug/l	99
89) n-Butylbenzene	13.709	91	131503	21.258	ug/l	95
90) Hexachloroethane	13.977	117	28191	20.473	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	63691	20.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3374	19.846	ug/l	75
93) 1,2,4-Trichlorobenzene	15.019	180	35007	20.966	ug/l	97
94) Hexachlorobutadiene	15.123	225	23572	22.437	ug/l	98
95) Naphthalene	15.251	128	56633	20.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	28232	21.204	ug/l	99

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

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