

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012765.D
 Acq On : 02 Mar 2023 17:46
 Operator : KP/MD
 Sample : VY0302SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/03/2023
 Supervised By :Mahesh Dadoda 03/03/2023

Quant Time: Mar 03 01:57:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	110406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54191	49.436	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.880%			
35) Dibromofluoromethane	7.716	113	51519	50.342	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.680%			
50) Toluene-d8	10.179	98	187395	50.088	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.180%			
62) 4-Bromofluorobenzene	12.483	95	64430	51.023	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22748	20.904	ug/l	100
3) Chloromethane	2.113	50	25920	19.924	ug/l	96
4) Vinyl Chloride	2.253	62	23668	19.840	ug/l	94
5) Bromomethane	2.638	94	14643	20.200	ug/l	92
6) Chloroethane	2.790	64	14254	19.951	ug/l	98
7) Trichlorofluoromethane	3.125	101	40027	20.202	ug/l	96
8) Diethyl Ether	3.528	74	13704	19.737	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	23709	19.889	ug/l	97
10) Methyl Iodide	4.088	142	30588	19.693	ug/l	99
11) Tert butyl alcohol	4.954	59	14086	99.611	ug/l	98
12) 1,1-Dichloroethene	3.869	96	23174	20.383	ug/l	95
13) Acrolein	3.723	56	18929	98.562	ug/l	99
14) Allyl chloride	4.479	41	43053	20.500	ug/l	99
15) Acrylonitrile	5.155	53	38160	104.305	ug/l	99
16) Acetone	3.942	43	39597	92.030	ug/l	97
17) Carbon Disulfide	4.192	76	77500	20.026	ug/l	99
18) Methyl Acetate	4.479	43	26676	20.819	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	61572	20.967	ug/l	97
20) Methylene Chloride	4.716	84	30620	20.109	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	24979	20.218	ug/l	98
22) Diisopropyl ether	6.112	45	82136	21.533	ug/l	96
23) Vinyl Acetate	6.058	43	248828	104.987	ug/l	99
24) 1,1-Dichloroethane	6.015	63	44616	20.526	ug/l	97
25) 2-Butanone	6.984	43	52390	98.308	ug/l	92
26) 2,2-Dichloropropane	6.978	77	38052	19.711	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	26946	20.342	ug/l	99
28) Bromochloromethane	7.332	49	17551	22.095	ug/l	95
29) Tetrahydrofuran	7.344	42	34140	106.219	ug/l	97
30) Chloroform	7.502	83	44022	20.504	ug/l	95
31) Cyclohexane	7.783	56	42284	20.141	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	38946	20.059	ug/l	98
36) 1,1-Dichloropropene	7.917	75	34303	20.002	ug/l	100
37) Ethyl Acetate	7.070	43	21987	20.341	ug/l	99
38) Carbon Tetrachloride	7.905	117	36232	20.459	ug/l	98
39) Methylcyclohexane	9.185	83	41133	20.174	ug/l	96
40) Benzene	8.161	78	99086	20.425	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10143	17.417	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	30395	20.840	ug/l	99
43) Isopropyl Acetate	8.271	43	40045	20.765	ug/l	99
44) Trichloroethene	8.935	130	25695	20.090	ug/l	90
45) 1,2-Dichloropropane	9.216	63	25269	20.611	ug/l	99
46) Dibromomethane	9.307	93	14699	21.045	ug/l	98
47) Bromodichloromethane	9.496	83	33089	20.103	ug/l	98
48) Methyl methacrylate	9.289	41	18752	21.103	ug/l	98
49) 1,4-Dioxane	9.289	88	3793	420.072	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	109966	105.122	ug/l	98
52) Toluene	10.240	92	61683	21.083	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	35741	20.702	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	40925	20.943	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	19878	20.436	ug/l	98
56) Ethyl methacrylate	10.508	69	26468	20.407	ug/l	97
57) 1,3-Dichloropropane	10.788	76	34086	20.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	73021	107.245	ug/l	97
59) 2-Hexanone	10.831	43	78388	103.105	ug/l	99
60) Dibromochloromethane	10.984	129	23736	20.046	ug/l	99
61) 1,2-Dibromoethane	11.087	107	18944	20.217	ug/l	100
64) Tetrachloroethene	10.721	164	22214	20.105	ug/l	94
65) Chlorobenzene	11.514	112	63331	19.884	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	23822	20.213	ug/l	99
67) Ethyl Benzene	11.593	91	112689	20.124	ug/l	100
68) m/p-Xylenes	11.703	106	87724	40.723	ug/l	99
69) o-Xylene	12.032	106	40837	20.312	ug/l	98
70) Styrene	12.044	104	69109	20.599	ug/l	100
71) Bromoform	12.209	173	14895	19.384	ug/l #	99
73) Isopropylbenzene	12.331	105	108917	20.123	ug/l	100
74) N-amyl acetate	12.142	43	33695	19.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	24422	20.073	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	15891m	17.424	ug/l	
77) Bromobenzene	12.611	156	26028	19.795	ug/l	98
78) n-propylbenzene	12.672	91	135432	20.296	ug/l	99
79) 2-Chlorotoluene	12.758	91	73699	19.872	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	89177	19.965	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8690	19.744	ug/l	95
82) 4-Chlorotoluene	12.855	91	78373	20.414	ug/l	99
83) tert-Butylbenzene	13.075	119	76051	19.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	88925	20.359	ug/l	99
85) sec-Butylbenzene	13.251	105	119107	20.251	ug/l	99
86) p-Isopropyltoluene	13.367	119	97013	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	51455	20.290	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	51865	20.039	ug/l	98
89) n-Butylbenzene	13.696	91	92184	20.032	ug/l	99
90) Hexachloroethane	13.959	117	19264	19.241	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	45701	19.936	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4114	20.922	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	27416	19.424	ug/l	97
94) Hexachlorobutadiene	15.111	225	16931	19.667	ug/l	99
95) Naphthalene	15.239	128	54103	19.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24432	19.463	ug/l	98

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

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