

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012390.D
 Acq On : 30 Jan 2023 12:16
 Operator : KP/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 01:47:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	200038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62222	52.312	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	104.620%		
35) Dibromofluoromethane	7.716	113	53453	46.848	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.700%		
50) Toluene-d8	10.179	98	191009	48.157	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.477	95	75104	46.694	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26396	20.975	ug/l	100
3) Chloromethane	2.113	50	22362	19.249	ug/l	100
4) Vinyl Chloride	2.253	62	27154	20.025	ug/l	98
5) Bromomethane	2.644	94	24397	23.272	ug/l	96
6) Chloroethane	2.790	64	18379	20.783	ug/l	93
7) Trichlorofluoromethane	3.125	101	56908	21.504	ug/l	98
8) Diethyl Ether	3.527	74	16401	20.827	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.899	101	26779	20.791	ug/l	94
10) Methyl Iodide	4.094	142	32438	16.572	ug/l	92
11) Tert butyl alcohol	4.948	59	18337	123.214	ug/l	100
12) 1,1-Dichloroethene	3.875	96	27415	20.729	ug/l	91
13) Acrolein	3.729	56	6151	95.601	ug/l	100
14) Allyl chloride	4.479	41	31289	19.134	ug/l #	78
15) Acrylonitrile	5.161	53	37901	110.186	ug/l	98
16) Acetone	3.942	43	39383	98.218	ug/l	98
17) Carbon Disulfide	4.192	76	79118	19.340	ug/l	99
18) Methyl Acetate	4.479	43	18708	20.850	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	80043	21.711	ug/l	95
20) Methylene Chloride	4.716	84	38894	18.097	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	30420	20.612	ug/l	87
22) Diisopropyl ether	6.112	45	64870	19.898	ug/l #	85
23) Vinyl Acetate	6.058	43	206500	101.648	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	46546	20.584	ug/l	97
25) 2-Butanone	6.984	43	45133	101.956	ug/l #	80
26) 2,2-Dichloropropane	6.984	77	51863	21.127	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	33719	20.800	ug/l	94
28) Bromochloromethane	7.332	49	9099	18.424	ug/l #	66
29) Tetrahydrofuran	7.350	42	25592	105.250	ug/l #	75
30) Chloroform	7.508	83	57713	21.620	ug/l	98
31) Cyclohexane	7.783	56	39065	18.607	ug/l	87
32) 1,1,1-Trichloroethane	7.704	97	58237	22.037	ug/l	97
36) 1,1-Dichloropropene	7.917	75	40247	20.755	ug/l	96
37) Ethyl Acetate	7.070	43	18397	21.521	ug/l #	94
38) Carbon Tetrachloride	7.899	117	55157	22.024	ug/l	95
39) Methylcyclohexane	9.185	83	48348	20.402	ug/l	91
40) Benzene	8.161	78	117679	21.026	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9432m	18.771	ug/l	
42) 1,2-Dichloroethane	8.234	62	39957	22.425	ug/l	98
43) Isopropyl Acetate	8.271	43	33872	21.297	ug/l #	92
44) Trichloroethene	8.935	130	35719	21.352	ug/l	95
45) 1,2-Dichloropropane	9.215	63	24093	20.630	ug/l	100
46) Dibromomethane	9.307	93	16930	21.655	ug/l	95
47) Bromodichloromethane	9.496	83	42799	21.747	ug/l	100
48) Methyl methacrylate	9.289	41	15365	20.967	ug/l #	83
49) 1,4-Dioxane	9.295	88	4859	456.106	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	90527	106.745	ug/l	94
52) Toluene	10.246	92	80771	21.675	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	45112	21.914	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	47129	21.259	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	24938	22.451	ug/l	93
56) Ethyl methacrylate	10.508	69	31750	21.787	ug/l	92
57) 1,3-Dichloropropane	10.788	76	39784	21.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	50856	105.468	ug/l #	87
59) 2-Hexanone	10.831	43	68623	106.281	ug/l	92
60) Dibromochloromethane	10.983	129	33488	22.730	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23807	22.211	ug/l	98
64) Tetrachloroethene	10.721	164	39866	21.841	ug/l	94
65) Chlorobenzene	11.514	112	87051	21.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	34376	22.252	ug/l	97
67) Ethyl Benzene	11.593	91	155833	21.304	ug/l	98
68) m/p-Xylenes	11.703	106	125509	43.396	ug/l	98
69) o-Xylene	12.026	106	59922	21.692	ug/l	96
70) Styrene	12.044	104	101208	21.927	ug/l	99
71) Bromoform	12.209	173	22171	22.463	ug/l #	98
73) Isopropylbenzene	12.331	105	159794	20.388	ug/l	98
74) N-amyl acetate	12.142	43	29561	19.241	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	25308	20.500	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	21560m	21.572	ug/l	
77) Bromobenzene	12.605	156	39256	20.815	ug/l	88
78) n-propylbenzene	12.672	91	185769	20.255	ug/l	97
79) 2-Chlorotoluene	12.758	91	105518	20.349	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	141755	20.805	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10050	20.719	ug/l	94
82) 4-Chlorotoluene	12.855	91	111960	20.555	ug/l	96
83) tert-Butylbenzene	13.075	119	121555	20.470	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	140335	20.886	ug/l	99
85) sec-Butylbenzene	13.251	105	174104	20.593	ug/l	97
86) p-Isopropyltoluene	13.367	119	153655	20.801	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	80079	21.349	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	78197	20.904	ug/l	99
89) n-Butylbenzene	13.696	91	131131	20.484	ug/l	97
90) Hexachloroethane	13.959	117	27296	20.469	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	70045	20.928	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5885	23.067	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	44802	20.891	ug/l	99
94) Hexachlorobutadiene	15.111	225	27833	21.556	ug/l	99
95) Naphthalene	15.233	128	90099	21.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	38818	21.035	ug/l	99

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

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