

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011470.D
 Acq On : 16 Nov 2022 13:56
 Operator : KP/MD
 Sample : VY1116SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 03:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	300965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	466929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119977	47.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.140%		
35) Dibromofluoromethane	7.716	113	133568	51.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.080%		
50) Toluene-d8	10.179	98	480521	48.067	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.140%		
62) 4-Bromofluorobenzene	12.483	95	182762	52.415	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48507	24.562	ug/l	98
3) Chloromethane	2.113	50	48722	20.142	ug/l	93
4) Vinyl Chloride	2.253	62	58137	20.389	ug/l	100
5) Bromomethane	2.643	94	40786	19.753	ug/l	99
6) Chloroethane	2.790	64	37905	20.020	ug/l	98
7) Trichlorofluoromethane	3.125	101	93986	20.891	ug/l	91
8) Diethyl Ether	3.527	74	32585	20.626	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	56353	20.661	ug/l	95
10) Methyl Iodide	4.094	142	71391	19.625	ug/l	90
11) Tert butyl alcohol	4.948	59	50258	149.963	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	53717	19.891	ug/l #	81
13) Acrolein	3.729	56	13193	164.025	ug/l	96
14) Allyl chloride	4.478	41	71705	19.675	ug/l #	81
15) Acrylonitrile	5.161	53	82069	108.720	ug/l	96
16) Acetone	3.948	43	75904	114.055	ug/l #	81
17) Carbon Disulfide	4.192	76	148458	18.457	ug/l	98
18) Methyl Acetate	4.478	43	42853	22.600	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	147778	20.923	ug/l	96
20) Methylene Chloride	4.716	84	99791	23.634	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	60695	19.712	ug/l	83
22) Diisopropyl ether	6.118	45	158168	20.336	ug/l #	89
23) Vinyl Acetate	6.057	43	467594	102.763	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	103050	20.346	ug/l	99
25) 2-Butanone	6.984	43	107153	113.035	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	97222	20.525	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	71081	20.513	ug/l	84
28) Bromochloromethane	7.332	49	34968	19.011	ug/l #	68
29) Tetrahydrofuran	7.350	42	61579	107.238	ug/l #	74
30) Chloroform	7.508	83	110189	20.570	ug/l	100
31) Cyclohexane	7.783	56	87208	19.244	ug/l #	84
32) 1,1,1-Trichloroethane	7.703	97	98662	20.364	ug/l	93
36) 1,1-Dichloropropene	7.917	75	81208	19.995	ug/l	96
37) Ethyl Acetate	7.076	43	43242	22.164	ug/l #	90
38) Carbon Tetrachloride	7.899	117	90409	20.464	ug/l	99
39) Methylcyclohexane	9.185	83	99996	20.150	ug/l #	86
40) Benzene	8.161	78	246828	20.351	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20791m	20.580	ug/l	
42) 1,2-Dichloroethane	8.234	62	66047	20.780	ug/l	89
43) Isopropyl Acetate	8.270	43	74944	21.294	ug/l #	83
44) Trichloroethene	8.941	130	70229	20.613	ug/l	98
45) 1,2-Dichloropropane	9.215	63	59030	20.450	ug/l	98
46) Dibromomethane	9.307	93	35382	21.053	ug/l	96
47) Bromodichloromethane	9.496	83	83796	20.811	ug/l	98
48) Methyl methacrylate	9.295	41	32181	20.347	ug/l #	68
49) 1,4-Dioxane	9.301	88	10631	463.350	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	209924	110.917	ug/l #	82
52) Toluene	10.246	92	159330	20.572	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	86263	20.777	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	99057	20.672	ug/l #	76
55) 1,1,2-Trichloroethane	10.642	97	51941	21.342	ug/l	97
56) Ethyl methacrylate	10.514	69	66884	21.371	ug/l #	69
57) 1,3-Dichloropropane	10.788	76	86697	21.354	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	143283	99.044	ug/l	92
59) 2-Hexanone	10.831	43	153845	114.743	ug/l	78
60) Dibromochloromethane	10.983	129	63987	21.300	ug/l	99
61) 1,2-Dibromoethane	11.087	107	50443	21.557	ug/l	99
64) Tetrachloroethene	10.721	164	69131	20.585	ug/l	98
65) Chlorobenzene	11.514	112	175016	20.812	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	66002	20.978	ug/l	98
67) Ethyl Benzene	11.593	91	300412	20.445	ug/l	97
68) m/p-Xylenes	11.703	106	239589	41.590	ug/l	93
69) o-Xylene	12.032	106	112246	20.659	ug/l	93
70) Styrene	12.044	104	192439	21.069	ug/l	94
71) Bromoform	12.209	173	42263	21.672	ug/l #	100
73) Isopropylbenzene	12.331	105	300685	20.024	ug/l	99
74) N-amyl acetate	12.142	43	64666	20.469	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	61433	21.293	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	48046m	19.105	ug/l	
77) Bromobenzene	12.611	156	72695	20.245	ug/l	94
78) n-propylbenzene	12.672	91	359437	20.061	ug/l	97
79) 2-Chlorotoluene	12.757	91	205302	20.036	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	256062	20.218	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	21796	20.833	ug/l #	81
82) 4-Chlorotoluene	12.855	91	210746	19.812	ug/l	96
83) tert-Butylbenzene	13.074	119	219050	20.004	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	254935	20.507	ug/l	97
85) sec-Butylbenzene	13.251	105	332502	20.628	ug/l	99
86) p-Isopropyltoluene	13.367	119	278595	20.620	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	146639	20.457	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	144037	20.319	ug/l	99
89) n-Butylbenzene	13.696	91	250571	20.639	ug/l	97
90) Hexachloroethane	13.958	117	52638	19.912	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	130702	20.555	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9949	21.165	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	79706	21.263	ug/l	100
94) Hexachlorobutadiene	15.111	225	48737	22.007	ug/l	98
95) Naphthalene	15.239	128	156755	21.097	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	69107	21.349	ug/l	98

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

