

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012282.D
 Acq On : 20 Jan 2023 11:55
 Operator : KP/MD
 Sample : VY0120SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0120SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 02:16:22 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	218108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	336761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84814	46.650	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.300%		
35) Dibromofluoromethane	7.716	113	80442	45.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.220%		
50) Toluene-d8	10.179	98	293956	47.349	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.700%		
62) 4-Bromofluorobenzene	12.483	95	111521	44.365	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38342	20.116	ug/l	98
3) Chloromethane	2.113	50	35089	19.942	ug/l	94
4) Vinyl Chloride	2.253	62	40286	19.615	ug/l	100
5) Bromomethane	2.643	94	32144	20.243	ug/l	95
6) Chloroethane	2.790	64	26883	20.070	ug/l	97
7) Trichlorofluoromethane	3.125	101	76976	19.204	ug/l	98
8) Diethyl Ether	3.527	74	23812	19.964	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	39896	20.450	ug/l	95
10) Methyl Iodide	4.088	142	48445	16.340	ug/l	97
11) Tert butyl alcohol	4.942	59	35080	159.032	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	40418	20.177	ug/l	96
13) Acrolein	3.729	56	11994	134.171	ug/l	93
14) Allyl chloride	4.478	41	51483	20.785	ug/l #	90
15) Acrylonitrile	5.167	53	53541	102.767	ug/l	100
16) Acetone	3.948	43	55792	91.864	ug/l	100
17) Carbon Disulfide	4.192	76	123336	19.905	ug/l	100
18) Methyl Acetate	4.478	43	26677	19.630	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	109792	19.662	ug/l	98
20) Methylene Chloride	4.722	84	55657	16.576	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	45467	20.340	ug/l	91
22) Diisopropyl ether	6.118	45	107251	21.720	ug/l #	95
23) Vinyl Acetate	6.057	43	318744	103.588	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	70669	20.633	ug/l	97
25) 2-Butanone	6.984	43	69243	103.273	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	73551	19.782	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	50683	20.641	ug/l	95
28) Bromochloromethane	7.338	49	15357	20.530	ug/l #	76
29) Tetrahydrofuran	7.350	42	38708	105.101	ug/l #	86
30) Chloroform	7.508	83	81202	20.084	ug/l	95
31) Cyclohexane	7.783	56	64106	20.159	ug/l	87
32) 1,1,1-Trichloroethane	7.703	97	77205	19.288	ug/l	98
36) 1,1-Dichloropropene	7.917	75	59528	19.643	ug/l	98
37) Ethyl Acetate	7.076	43	27065	20.259	ug/l #	96
38) Carbon Tetrachloride	7.899	117	73968	18.899	ug/l	98
39) Methylcyclohexane	9.185	83	74196	20.034	ug/l	93
40) Benzene	8.161	78	177550	20.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	16818m	21.417	ug/l	
42) 1,2-Dichloroethane	8.234	62	53404	19.178	ug/l	100
43) Isopropyl Acetate	8.270	43	50175	20.187	ug/l	94
44) Trichloroethene	8.941	130	52365	20.030	ug/l	97
45) 1,2-Dichloropropane	9.215	63	38962	21.348	ug/l	96
46) Dibromomethane	9.307	93	24370	19.945	ug/l	94
47) Bromodichloromethane	9.496	83	60519	19.677	ug/l	96
48) Methyl methacrylate	9.295	41	22772	19.884	ug/l	91
49) 1,4-Dioxane	9.295	88	6776	406.991	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	135480	102.221	ug/l	96
52) Toluene	10.246	92	116451	19.996	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	63680	19.794	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	68874	19.879	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	35093	20.215	ug/l	96
56) Ethyl methacrylate	10.508	69	45466	19.964	ug/l	93
57) 1,3-Dichloropropane	10.788	76	58090	20.490	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	78438	104.088	ug/l	91
59) 2-Hexanone	10.831	43	100956	100.049	ug/l	94
60) Dibromochloromethane	10.983	129	45907	19.938	ug/l	99
61) 1,2-Dibromoethane	11.087	107	33687	20.111	ug/l	99
64) Tetrachloroethene	10.721	164	59994	21.510	ug/l	97
65) Chlorobenzene	11.520	112	124285	19.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	47574	20.154	ug/l	98
67) Ethyl Benzene	11.593	91	222446	19.902	ug/l	98
68) m/p-Xylenes	11.703	106	177137	40.084	ug/l	98
69) o-Xylene	12.032	106	84260	19.962	ug/l	97
70) Styrene	12.044	104	141497	20.063	ug/l	98
71) Bromoform	12.209	173	30089	19.951	ug/l #	99
73) Isopropylbenzene	12.331	105	227486	20.228	ug/l	100
74) N-amyl acetate	12.142	43	43591	19.774	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	36800	20.775	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	26464m	18.454	ug/l	
77) Bromobenzene	12.611	156	54243	20.045	ug/l	91
78) n-propylbenzene	12.672	91	265996	20.213	ug/l	98
79) 2-Chlorotoluene	12.757	91	149028	20.029	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	198326	20.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	13987	20.096	ug/l	98
82) 4-Chlorotoluene	12.855	91	157374	20.136	ug/l	99
83) tert-Butylbenzene	13.074	119	166861	19.583	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	193317	20.051	ug/l	99
85) sec-Butylbenzene	13.251	105	244891	20.186	ug/l	99
86) p-Isopropyltoluene	13.373	119	209952	19.808	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	107588	19.990	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	105305	19.619	ug/l	100
89) n-Butylbenzene	13.696	91	181839	19.797	ug/l	98
90) Hexachloroethane	13.958	117	37979	19.848	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	95744	19.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7229	19.747	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	57893	18.814	ug/l	99
94) Hexachlorobutadiene	15.117	225	36369	19.631	ug/l	99
95) Naphthalene	15.239	128	109965	18.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49394	18.654	ug/l	99

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

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