

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010837.D
 Acq On : 06 Oct 2022 12:21
 Operator : KP/MD
 Sample : VY1006SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1006SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 02:28:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	218934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126484	56.996	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.000%			
35) Dibromofluoromethane	7.716	113	116748	48.396	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.800%			
50) Toluene-d8	10.179	98	460608	55.832	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.660%			
62) 4-Bromofluorobenzene	12.477	95	151707	46.835	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29624	19.531	ug/l	95
3) Chloromethane	2.113	50	52044	20.630	ug/l	98
4) Vinyl Chloride	2.247	62	56700	18.665	ug/l	98
5) Bromomethane	2.638	94	41646	19.321	ug/l	100
6) Chloroethane	2.784	64	38871	19.201	ug/l	98
7) Trichlorofluoromethane	3.119	101	74818	20.224	ug/l	94
8) Diethyl Ether	3.521	74	27208	22.861	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	44179	20.830	ug/l	93
10) Methyl Iodide	4.082	142	51491	18.161	ug/l	93
11) Tert butyl alcohol	4.948	59	35537	165.047	ug/l	96
12) 1,1-Dichloroethene	3.863	96	42404	20.486	ug/l	91
13) Acrolein	3.723	56	21230	131.898	ug/l	98
14) Allyl chloride	4.473	41	70141	22.637	ug/l #	92
15) Acrylonitrile	5.155	53	73177	126.212	ug/l	96
16) Acetone	3.942	43	63817	113.229	ug/l #	88
17) Carbon Disulfide	4.186	76	141411	21.140	ug/l	99
18) Methyl Acetate	4.473	43	38062	26.437	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	119315	22.020	ug/l	100
20) Methylene Chloride	4.704	84	74158	27.696	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	50416	20.859	ug/l	90
22) Diisopropyl ether	6.112	45	155819	22.930	ug/l	96
23) Vinyl Acetate	6.052	43	469428	114.041	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	90768	21.934	ug/l	100
25) 2-Butanone	6.984	43	95859	118.300	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	79048	20.124	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	56819	21.183	ug/l	92
28) Bromochloromethane	7.332	49	22144	17.802	ug/l	94
29) Tetrahydrofuran	7.344	42	60606	127.189	ug/l	91
30) Chloroform	7.502	83	93944	21.997	ug/l	95
31) Cyclohexane	7.783	56	79726	20.071	ug/l #	86
32) 1,1,1-Trichloroethane	7.698	97	80811	21.005	ug/l	97
36) 1,1-Dichloropropene	7.911	75	70546	20.257	ug/l	99
37) Ethyl Acetate	7.070	43	41009	23.997	ug/l	95
38) Carbon Tetrachloride	7.899	117	71423	19.691	ug/l	97
39) Methylcyclohexane	9.179	83	80705	18.867	ug/l	94
40) Benzene	8.155	78	208777	20.812	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19056m	20.636	ug/l	
42) 1,2-Dichloroethane	8.234	62	61862	21.812	ug/l	93
43) Isopropyl Acetate	8.271	43	68410	22.118	ug/l #	90
44) Trichloroethene	8.935	130	54182	19.947	ug/l	95
45) 1,2-Dichloropropane	9.209	63	53031	21.928	ug/l	96
46) Dibromomethane	9.301	93	29911	21.623	ug/l	94
47) Bromodichloromethane	9.496	83	72275	21.650	ug/l	98
48) Methyl methacrylate	9.289	41	31893	21.954	ug/l #	84
49) 1,4-Dioxane	9.301	88	7989	469.161	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	198210	117.132	ug/l	91
52) Toluene	10.240	92	130060	20.371	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	72506	20.978	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	82166	20.760	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	41869	21.571	ug/l	98
56) Ethyl methacrylate	10.508	69	53163	21.317	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	72723	22.037	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	93918	91.478	ug/l	98
59) 2-Hexanone	10.831	43	136004	116.044	ug/l	88
60) Dibromochloromethane	10.984	129	50029	21.498	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40150	21.694	ug/l	98
64) Tetrachloroethene	10.715	164	51573	19.615	ug/l	94
65) Chlorobenzene	11.514	112	137715	20.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	49748	19.820	ug/l	98
67) Ethyl Benzene	11.593	91	242191	19.597	ug/l	100
68) m/p-Xylenes	11.703	106	188801	39.036	ug/l	95
69) o-Xylene	12.026	106	88258	19.518	ug/l	93
70) Styrene	12.038	104	150790	19.786	ug/l	96
71) Bromoform	12.203	173	31512	21.092	ug/l #	100
73) Isopropylbenzene	12.325	105	232036	19.656	ug/l	99
74) N-amyl acetate	12.142	43	57871	21.331	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	49419	22.407	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	35595m	21.890	ug/l	
77) Bromobenzene	12.605	156	54923	20.282	ug/l	99
78) n-propylbenzene	12.666	91	285156	19.834	ug/l	100
79) 2-Chlorotoluene	12.752	91	161065	20.025	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	200607	20.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	16181	20.786	ug/l	90
82) 4-Chlorotoluene	12.849	91	166061	19.744	ug/l	99
83) tert-Butylbenzene	13.075	119	165388	19.430	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	198130	20.184	ug/l	99
85) sec-Butylbenzene	13.251	105	250173	19.525	ug/l	100
86) p-Isopropyltoluene	13.367	119	208229	19.371	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	110206	20.051	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	109815	20.177	ug/l	98
89) n-Butylbenzene	13.696	91	194768	19.689	ug/l	99
90) Hexachloroethane	13.959	117	40627	19.758	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	97899	20.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7826	22.067	ug/l	85
93) 1,2,4-Trichlorobenzene	15.001	180	54133	19.258	ug/l	99
94) Hexachlorobutadiene	15.111	225	32836	18.946	ug/l	99
95) Naphthalene	15.233	128	104697	19.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46335	19.337	ug/l	99

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

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