

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010838.D
 Acq On : 06 Oct 2022 12:43
 Operator : KP/MD
 Sample : VY1006SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 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 02:28:23 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	7.789	168	232090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125273	53.251	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.500%			
35) Dibromofluoromethane	7.716	113	117185	46.989	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.980%			
50) Toluene-d8	10.179	98	469539	55.053	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.100%			
62) 4-Bromofluorobenzene	12.477	95	151343	45.056	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33823	21.036	ug/l	99
3) Chloromethane	2.113	50	56668	21.189	ug/l	94
4) Vinyl Chloride	2.247	62	63874	19.835	ug/l	98
5) Bromomethane	2.637	94	44905	19.652	ug/l	99
6) Chloroethane	2.790	64	42347	19.732	ug/l	96
7) Trichlorofluoromethane	3.119	101	84974	21.668	ug/l	93
8) Diethyl Ether	3.521	74	28194	22.347	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	50528	22.473	ug/l	92
10) Methyl Iodide	4.088	142	59743	19.877	ug/l	91
11) Tert butyl alcohol	4.948	59	31672	124.245	ug/l	97
12) 1,1-Dichloroethene	3.869	96	47870	21.816	ug/l	89
13) Acrolein	3.729	56	20738	120.325	ug/l	99
14) Allyl chloride	4.472	41	76782	23.376	ug/l #	91
15) Acrylonitrile	5.161	53	72989	118.752	ug/l	97
16) Acetone	3.942	43	59729	99.968	ug/l #	89
17) Carbon Disulfide	4.192	76	153978	21.714	ug/l	100
18) Methyl Acetate	4.478	43	37824	24.783	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	123231	21.454	ug/l	94
20) Methylene Chloride	4.710	84	67965	23.155	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	55367	21.609	ug/l	91
22) Diisopropyl ether	6.112	45	165922	23.032	ug/l	94
23) Vinyl Acetate	6.057	43	482820	110.645	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	99784	22.746	ug/l	98
25) 2-Butanone	6.984	43	91785	106.852	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	85725	20.586	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	62373	21.935	ug/l	91
28) Bromochloromethane	7.332	49	21815	16.877	ug/l	93
29) Tetrahydrofuran	7.344	42	59040	116.879	ug/l	89
30) Chloroform	7.502	83	99531	21.984	ug/l	100
31) Cyclohexane	7.783	56	89645	21.289	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	88572	21.717	ug/l	96
36) 1,1-Dichloropropene	7.917	75	77570	21.546	ug/l	99
37) Ethyl Acetate	7.069	43	41148	23.291	ug/l	96
38) Carbon Tetrachloride	7.899	117	78628	20.969	ug/l	99
39) Methylcyclohexane	9.179	83	91013	20.581	ug/l	93
40) Benzene	8.155	78	227982	21.983	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18864	19.870	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	63171	21.546	ug/l	92
43) Isopropyl Acetate	8.270	43	69815	21.834	ug/l #	90
44) Trichloroethene	8.941	130	59131	21.058	ug/l	98
45) 1,2-Dichloropropane	9.209	63	56506	22.601	ug/l	98
46) Dibromomethane	9.301	93	30925	21.625	ug/l	96
47) Bromodichloromethane	9.496	83	75785	21.959	ug/l	98
48) Methyl methacrylate	9.289	41	31882	21.229	ug/l #	82
49) 1,4-Dioxane	9.289	88	7816	443.994	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	195508	111.758	ug/l	91
52) Toluene	10.240	92	140377	21.268	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	75383	21.098	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	86877	21.233	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	44289	22.072	ug/l	99
56) Ethyl methacrylate	10.508	69	54363	21.086	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	74391	21.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	97169	91.530	ug/l	98
59) 2-Hexanone	10.831	43	132295	109.189	ug/l	90
60) Dibromochloromethane	10.983	129	51518	21.414	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41886	21.893	ug/l	99
64) Tetrachloroethene	10.715	164	57405	21.460	ug/l	96
65) Chlorobenzene	11.514	112	148089	21.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	53338	20.887	ug/l	98
67) Ethyl Benzene	11.593	91	263845	20.985	ug/l	98
68) m/p-Xylenes	11.703	106	204907	41.643	ug/l	95
69) o-Xylene	12.026	106	95840	20.832	ug/l	94
70) Styrene	12.044	104	161992	20.893	ug/l	96
71) Bromoform	12.209	173	32080	21.105	ug/l #	98
73) Isopropylbenzene	12.325	105	253063	20.985	ug/l	99
74) N-amyl acetate	12.142	43	58246	21.016	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	50263	22.309	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	36605m	22.036	ug/l	
77) Bromobenzene	12.605	156	58639	21.197	ug/l	99
78) n-propylbenzene	12.666	91	313511	21.346	ug/l	100
79) 2-Chlorotoluene	12.751	91	172730	21.022	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	218331	21.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	16512	20.764	ug/l	90
82) 4-Chlorotoluene	12.849	91	180136	20.966	ug/l	99
83) tert-Butylbenzene	13.075	119	182479	20.986	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	215254	21.466	ug/l	99
85) sec-Butylbenzene	13.251	105	273344	20.883	ug/l	100
86) p-Isopropyltoluene	13.367	119	228126	20.774	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	118746	21.148	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	116745	20.998	ug/l	98
89) n-Butylbenzene	13.696	91	211050	20.885	ug/l	99
90) Hexachloroethane	13.958	117	44489	21.180	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	103049	21.056	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7766	21.436	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	57499	20.024	ug/l	99
94) Hexachlorobutadiene	15.111	225	36147	20.416	ug/l	98
95) Naphthalene	15.233	128	110034	20.106	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	50041	20.443	ug/l	98

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

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