

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008664.D
 Acq On : 09 May 2022 16:40
 Operator : KP/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 03:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/10/2022
 Supervised By :Semsettin Yesilyurt 05/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	260832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	416203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107605	48.146	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.300%		
35) Dibromofluoromethane	7.716	113	122713	47.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.680%		
50) Toluene-d8	10.179	98	430298	47.608	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.220%		
62) 4-Bromofluorobenzene	12.483	95	153292	47.142	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29745	21.819	ug/l	98
3) Chloromethane	2.113	50	34217	20.388	ug/l	96
4) Vinyl Chloride	2.259	62	44431	20.852	ug/l	94
5) Bromomethane	2.662	94	34419	20.100	ug/l	95
6) Chloroethane	2.802	64	28718	19.643	ug/l	96
7) Trichlorofluoromethane	3.125	101	53777	20.858	ug/l	87
8) Diethyl Ether	3.527	74	32268	19.783	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.899	101	52484	19.893	ug/l	94
10) Methyl Iodide	4.088	142	88032	20.106	ug/l #	88
11) Tert butyl alcohol	4.948	59	23009	112.758	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	54332	19.899	ug/l #	76
13) Acrolein	3.729	56	26271	119.036	ug/l	97
14) Allyl chloride	4.479	41	70136	19.857	ug/l #	84
15) Acrylonitrile	5.161	53	74799	102.336	ug/l	97
16) Acetone	3.942	43	53395	101.265	ug/l #	79
17) Carbon Disulfide	4.192	76	147254	20.335	ug/l	100
18) Methyl Acetate	4.472	43	36208	22.291	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	103454	20.554	ug/l	93
20) Methylene Chloride	4.710	84	72916	22.771	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	60964	19.866	ug/l #	77
22) Diisopropyl ether	6.112	45	153545	20.082	ug/l #	91
23) Vinyl Acetate	6.058	43	496555	102.814	ug/l #	87
24) 1,1-Dichloroethane	6.009	63	97046	19.768	ug/l	97
25) 2-Butanone	6.984	43	88111	101.656	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	66603	20.293	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	69261	19.964	ug/l	77
28) Bromochloromethane	7.326	49	33823	19.428	ug/l #	66
29) Tetrahydrofuran	7.350	42	59435	102.602	ug/l #	76
30) Chloroform	7.502	83	104565	20.140	ug/l	99
31) Cyclohexane	7.783	56	88195	19.949	ug/l #	81
32) 1,1,1-Trichloroethane	7.704	97	85600	20.118	ug/l	94
36) 1,1-Dichloropropene	7.917	75	81173	19.698	ug/l	97
37) Ethyl Acetate	7.070	43	40596	19.812	ug/l #	90
38) Carbon Tetrachloride	7.899	117	82872	19.883	ug/l	98
39) Methylcyclohexane	9.185	83	104249	19.560	ug/l #	85
40) Benzene	8.161	78	234542	19.589	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21558m	19.552	ug/l	
42) 1,2-Dichloroethane	8.234	62	62578	20.163	ug/l	88
43) Isopropyl Acetate	8.271	43	74466	20.006	ug/l #	84
44) Trichloroethene	8.941	130	68735	19.672	ug/l	92
45) 1,2-Dichloropropane	9.216	63	56563	19.363	ug/l	96
46) Dibromomethane	9.307	93	36356	19.885	ug/l	96
47) Bromodichloromethane	9.496	83	80049	19.608	ug/l	99
48) Methyl methacrylate	9.289	41	33074	20.412	ug/l #	74
49) 1,4-Dioxane	9.295	88	8278	374.414	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	201527	103.518	ug/l #	84
52) Toluene	10.246	92	155083	19.896	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	85552	19.501	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	95643	19.104	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	52306	20.061	ug/l	95
56) Ethyl methacrylate	10.508	69	65987	20.000	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	83976	19.690	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	154060	94.302	ug/l	90
59) 2-Hexanone	10.831	43	136710	102.531	ug/l	78
60) Dibromochloromethane	10.983	129	62610	19.775	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51520	20.052	ug/l	100
64) Tetrachloroethene	10.721	164	57223	19.119	ug/l	96
65) Chlorobenzene	11.514	112	170896	19.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	63836	20.011	ug/l	97
67) Ethyl Benzene	11.593	91	292833	19.838	ug/l	98
68) m/p-Xylenes	11.703	106	232485	39.363	ug/l	89
69) o-Xylene	12.032	106	111503	19.900	ug/l	89
70) Styrene	12.044	104	184688	19.852	ug/l	93
71) Bromoform	12.209	173	40922	19.904	ug/l #	99
73) Isopropylbenzene	12.331	105	285146	19.476	ug/l	98
74) N-amyl acetate	12.142	43	66715	20.294	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	61468	20.058	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	38264m	17.712	ug/l	
77) Bromobenzene	12.611	156	73922	20.180	ug/l	88
78) n-propylbenzene	12.672	91	344382	19.784	ug/l	97
79) 2-Chlorotoluene	12.758	91	190367	19.768	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	235714	19.878	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	21632	19.922	ug/l #	80
82) 4-Chlorotoluene	12.855	91	196038	19.631	ug/l	94
83) tert-Butylbenzene	13.075	119	210871	19.823	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	233934	19.976	ug/l	96
85) sec-Butylbenzene	13.257	105	313418	19.934	ug/l	98
86) p-Isopropyltoluene	13.373	119	261068	19.982	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	141161	19.921	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	138995	19.783	ug/l	100
89) n-Butylbenzene	13.696	91	238096	19.913	ug/l	97
90) Hexachloroethane	13.965	117	50357	19.851	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	125451	19.960	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9556	21.069	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	81093	20.197	ug/l	99
94) Hexachlorobutadiene	15.117	225	44572	20.258	ug/l	99
95) Naphthalene	15.239	128	167901	20.440	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	70573	19.945	ug/l	98

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

