

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008326.D
 Acq On : 14 Apr 2022 14:13
 Operator : KP/MD
 Sample : VY0414SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS02

Quant Time: Apr 15 06:13:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58369	41.929	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.860%		
35) Dibromofluoromethane	7.716	113	62337	42.419	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.840%		
50) Toluene-d8	10.179	98	223920	44.531	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.060%		
62) 4-Bromofluorobenzene	12.483	95	79716	42.148	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	21733	17.708	ug/l	98
3) Chloromethane	2.113	50	29504	17.617	ug/l	94
4) Vinyl Chloride	2.247	62	40939	19.391	ug/l	96
5) Bromomethane	2.637	94	36899	19.750	ug/l	99
6) Chloroethane	2.784	64	27953	18.903	ug/l	97
7) Trichlorofluoromethane	3.119	101	46733	18.602	ug/l	90
8) Diethyl Ether	3.527	74	15672	17.262	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	29122	17.846	ug/l	93
10) Methyl Iodide	4.082	142	31075	18.616	ug/l	91
11) Tert butyl alcohol	4.954	59	16567	111.319	ug/l	98
12) 1,1-Dichloroethene	3.863	96	27133	18.562	ug/l	80
13) Acrolein	3.729	56	6800	58.029	ug/l	98
14) Allyl chloride	4.472	41	34452	18.059	ug/l #	91
15) Acrylonitrile	5.161	53	37741	84.991	ug/l	99
16) Acetone	3.942	43	28948	86.456	ug/l #	80
17) Carbon Disulfide	4.186	76	68709	17.818	ug/l	100
18) Methyl Acetate	4.472	43	18322	18.682	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	78737	17.454	ug/l	99
20) Methylene Chloride	4.710	84	36934	15.531	ug/l #	81
21) trans-1,2-Dichloroethene	5.216	96	31217	17.825	ug/l	83
22) Diisopropyl ether	6.112	45	80876	17.969	ug/l #	94
23) Vinyl Acetate	6.057	43	255542	87.625	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	52377	18.129	ug/l	98
25) 2-Butanone	6.984	43	46635	89.073	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	48515	18.235	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	36461	17.547	ug/l	85
28) Bromochloromethane	7.332	49	16782	15.155	ug/l #	69
29) Tetrahydrofuran	7.338	42	30727	90.901	ug/l #	74
30) Chloroform	7.502	83	57832	17.927	ug/l	100
31) Cyclohexane	7.783	56	44826	17.807	ug/l #	78
32) 1,1,1-Trichloroethane	7.697	97	50692	17.963	ug/l	95
36) 1,1-Dichloropropene	7.917	75	41965	17.883	ug/l	96
37) Ethyl Acetate	7.076	43	21236	17.550	ug/l #	90
38) Carbon Tetrachloride	7.899	117	44967	17.812	ug/l	99
39) Methylcyclohexane	9.179	83	53719	17.792	ug/l #	87
40) Benzene	8.161	78	126412	18.090	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	13080m	19.323	ug/l	
42) 1,2-Dichloroethane	8.234	62	35880	17.698	ug/l	89
43) Isopropyl Acetate	8.270	43	40506	18.038	ug/l #	85
44) Trichloroethene	8.941	130	35108	17.629	ug/l	98
45) 1,2-Dichloropropane	9.215	63	30677	17.971	ug/l	92
46) Dibromomethane	9.301	93	19263	17.049	ug/l	93
47) Bromodichloromethane	9.496	83	44292	17.431	ug/l	100
48) Methyl methacrylate	9.289	41	16598	17.387	ug/l #	72
49) 1,4-Dioxane	9.301	88	5573	382.223	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	107032	92.303	ug/l #	84
52) Toluene	10.240	92	82435	17.905	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	45109	17.420	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	50632	17.331	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	27718	17.198	ug/l	95
56) Ethyl methacrylate	10.508	69	35276	17.853	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	45606	17.621	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	62625	80.460	ug/l	91
59) 2-Hexanone	10.831	43	73700	92.369	ug/l	82
60) Dibromochloromethane	10.983	129	31313	16.633	ug/l	99
61) 1,2-Dibromoethane	11.087	107	27022	17.149	ug/l	98
64) Tetrachloroethene	10.721	164	30255	18.582	ug/l	99
65) Chlorobenzene	11.514	112	91866	18.338	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	32891	17.594	ug/l	96
67) Ethyl Benzene	11.593	91	158179	18.567	ug/l	98
68) m/p-Xylenes	11.703	106	125567	37.060	ug/l	92
69) o-Xylene	12.026	106	60857	18.509	ug/l	90
70) Styrene	12.044	104	99991	18.440	ug/l	94
71) Bromoform	12.209	173	19137	16.983	ug/l #	99
73) Isopropylbenzene	12.331	105	160737	19.722	ug/l	100
74) N-amyl acetate	12.142	43	34890	19.718	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	32913	19.085	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	24224m	19.981	ug/l	
77) Bromobenzene	12.611	156	36184	18.118	ug/l	95
78) n-propylbenzene	12.672	91	190274	19.785	ug/l	98
79) 2-Chlorotoluene	12.757	91	105552	19.557	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	130618	19.545	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10278	18.969	ug/l #	84
82) 4-Chlorotoluene	12.855	91	110401	19.905	ug/l	97
83) tert-Butylbenzene	13.074	119	117370	19.577	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	129173	19.531	ug/l	98
85) sec-Butylbenzene	13.251	105	175146	19.705	ug/l	100
86) p-Isopropyltoluene	13.367	119	144846	19.529	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	73098	18.481	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	73639	18.811	ug/l	97
89) n-Butylbenzene	13.696	91	135648	20.242	ug/l	99
90) Hexachloroethane	13.958	117	26511	19.124	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	65201	18.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4801	19.458	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	36659	17.613	ug/l	99
94) Hexachlorobutadiene	15.111	225	18969	17.952	ug/l	98
95) Naphthalene	15.239	128	79792	17.897	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	31815	17.468	ug/l	99

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

