

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008327.D
 Acq On : 14 Apr 2022 14:38
 Operator : KP/MD
 Sample : VY0414SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS02

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 06:14:23 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57067	41.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.900%		
35) Dibromofluoromethane	7.716	113	62155	43.789	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.580%		
50) Toluene-d8	10.179	98	222141	45.736	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.483	95	79265	43.389	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21828	18.200	ug/l	100
3) Chloromethane	2.113	50	28849	17.631	ug/l	98
4) Vinyl Chloride	2.247	62	39415	19.104	ug/l	99
5) Bromomethane	2.637	94	36021	19.724	ug/l	96
6) Chloroethane	2.784	64	27908	19.312	ug/l	98
7) Trichlorofluoromethane	3.119	101	45993	18.734	ug/l	90
8) Diethyl Ether	3.527	74	15234	17.170	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.893	101	29736	18.647	ug/l	92
10) Methyl Iodide	4.088	142	31838	19.402	ug/l	91
11) Tert butyl alcohol	4.942	59	14349	98.663	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	26570	18.601	ug/l #	74
13) Acrolein	3.723	56	5740	50.125	ug/l	97
14) Allyl chloride	4.472	41	34272	18.384	ug/l #	92
15) Acrylonitrile	5.161	53	35608	82.057	ug/l	98
16) Acetone	3.936	43	26617	81.347	ug/l #	89
17) Carbon Disulfide	4.192	76	67618	17.943	ug/l	99
18) Methyl Acetate	4.472	43	17241	17.722	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	76184	17.282	ug/l	97
20) Methylene Chloride	4.710	84	37212	16.297	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	30919	18.066	ug/l #	82
22) Diisopropyl ether	6.112	45	80442	18.289	ug/l #	94
23) Vinyl Acetate	6.058	43	247142	86.719	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	51880	18.376	ug/l	98
25) 2-Butanone	6.984	43	41949	81.990	ug/l #	75
26) 2,2-Dichloropropane	6.972	77	48490	18.650	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	37488	18.461	ug/l	82
28) Bromochloromethane	7.332	49	16697	15.429	ug/l #	72
29) Tetrahydrofuran	7.350	42	27783	84.107	ug/l #	76
30) Chloroform	7.502	83	57937	18.378	ug/l	99
31) Cyclohexane	7.783	56	44163	17.953	ug/l #	72
32) 1,1,1-Trichloroethane	7.697	97	50480	18.305	ug/l	96
36) 1,1-Dichloropropene	7.917	75	41834	18.457	ug/l	97
37) Ethyl Acetate	7.070	43	20221	17.302	ug/l #	91
38) Carbon Tetrachloride	7.899	117	44357	18.190	ug/l	98
39) Methylcyclohexane	9.179	83	53196	18.241	ug/l #	87
40) Benzene	8.155	78	125503	18.594	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8672	13.263	ug/l #	59
42) 1,2-Dichloroethane	8.234	62	35077	17.913	ug/l	89
43) Isopropyl Acetate	8.271	43	36845	16.987	ug/l #	83
44) Trichloroethene	8.941	130	34903	18.145	ug/l	94
45) 1,2-Dichloropropane	9.215	63	31062	18.839	ug/l	93
46) Dibromomethane	9.301	93	19189	17.583	ug/l	94
47) Bromodichloromethane	9.496	83	44305	18.052	ug/l	98
48) Methyl methacrylate	9.289	41	15498	16.808	ug/l #	71
49) 1,4-Dioxane	9.295	88	4735	336.214	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	97716	87.244	ug/l #	84
52) Toluene	10.240	92	83371	18.748	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	44297	17.710	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	50156	17.774	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	26550	17.055	ug/l	97
56) Ethyl methacrylate	10.508	69	33256	17.424	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	44751	17.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	59458	79.088	ug/l	90
59) 2-Hexanone	10.831	43	66146	85.828	ug/l	81
60) Dibromochloromethane	10.983	129	30920	17.004	ug/l	100
61) 1,2-Dibromoethane	11.087	107	25664	16.862	ug/l	98
64) Tetrachloroethene	10.721	164	30474	19.399	ug/l	97
65) Chlorobenzene	11.514	112	91484	18.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	33012	18.302	ug/l	97
67) Ethyl Benzene	11.593	91	159092	19.354	ug/l	97
68) m/p-Xylenes	11.703	106	126370	38.656	ug/l	91
69) o-Xylene	12.026	106	60326	19.016	ug/l	92
70) Styrene	12.044	104	98625	18.850	ug/l	94
71) Bromoform	12.209	173	17913	16.476	ug/l #	100
73) Isopropylbenzene	12.331	105	159748	19.974	ug/l	100
74) N-amyl acetate	12.142	43	33527	19.309	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	31015	18.327	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	22837m	19.195	ug/l	
77) Bromobenzene	12.605	156	36417	18.582	ug/l	94
78) n-propylbenzene	12.672	91	189896	20.122	ug/l	99
79) 2-Chlorotoluene	12.758	91	106312	20.073	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	130542	19.905	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9501	17.868	ug/l #	85
82) 4-Chlorotoluene	12.855	91	110670	20.333	ug/l	98
83) tert-Butylbenzene	13.075	119	116352	19.777	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	129444	19.945	ug/l	97
85) sec-Butylbenzene	13.251	105	176006	20.179	ug/l	100
86) p-Isopropyltoluene	13.367	119	143385	19.699	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	72488	18.675	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	73978	19.257	ug/l	98
89) n-Butylbenzene	13.696	91	136824	20.806	ug/l	99
90) Hexachloroethane	13.965	117	26463	19.452	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	65705	19.027	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4430	18.296	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	37784	18.499	ug/l	99
94) Hexachlorobutadiene	15.111	225	20157	19.439	ug/l	99
95) Naphthalene	15.239	128	76154	17.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	32496	18.181	ug/l	98

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

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