

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007721.D
 Acq On : 03 Mar 2022 22:59
 Operator : SY/MD
 Sample : VY0303SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBS02

Quant Time: Mar 04 00:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

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 Dadoda
 03/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	387216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	612278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	546289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	270418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	185555	45.773	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.540%		
35) Dibromofluoromethane	7.716	113	196191	50.119	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.240%		
50) Toluene-d8	10.179	98	674705	46.824	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.640%		
62) 4-Bromofluorobenzene	12.477	95	218023	46.939	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	59317	21.205	ug/l	98
3) Chloromethane	2.113	50	79349	15.578	ug/l	95
4) Vinyl Chloride	2.253	62	110095	18.952	ug/l	97
5) Bromomethane	2.650	94	107497	22.896	ug/l	95
6) Chloroethane	2.796	64	80868	18.153	ug/l	99
7) Trichlorofluoromethane	3.125	101	126831	19.109	ug/l	87
8) Diethyl Ether	3.534	74	41537	19.449	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	79709	19.674	ug/l	97
10) Methyl Iodide	4.094	142	100096	20.306	ug/l	91
11) Tert butyl alcohol	4.960	59	28901	82.346	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	71576	19.906	ug/l	82
13) Acrolein	3.735	56	31939	82.654	ug/l	99
14) Allyl chloride	4.485	41	94174	17.412	ug/l #	81
15) Acrylonitrile	5.161	53	98400	87.288	ug/l	99
16) Acetone	3.948	43	68457	83.013	ug/l	93
17) Carbon Disulfide	4.198	76	187103	19.262	ug/l	98
18) Methyl Acetate	4.478	43	46574	15.406	ug/l #	84
19) Methyl tert-butyl Ether	5.228	73	218890	19.614	ug/l	95
20) Methylene Chloride	4.716	84	98498	22.485	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	84180	20.064	ug/l #	82
22) Diisopropyl ether	6.118	45	241865	18.720	ug/l #	93
23) Vinyl Acetate	6.064	43	749332	91.709	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	151400	19.394	ug/l	99
25) 2-Butanone	6.990	43	119253	86.204	ug/l #	78
26) 2,2-Dichloropropane	6.990	77	132324	19.047	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	101799	20.692	ug/l	85
28) Bromochloromethane	7.338	49	56761	17.097	ug/l #	79
29) Tetrahydrofuran	7.350	42	77891	82.289	ug/l #	77
30) Chloroform	7.508	83	165426	20.454	ug/l	99
31) Cyclohexane	7.783	56	127396	17.854	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	147476	20.489	ug/l	97
36) 1,1-Dichloropropene	7.917	75	116501	18.919	ug/l	96
37) Ethyl Acetate	7.076	43	55347	16.273	ug/l #	90
38) Carbon Tetrachloride	7.905	117	131989	20.094	ug/l	95
39) Methylcyclohexane	9.185	83	146165	19.314	ug/l #	88
40) Benzene	8.161	78	343170	20.024	ug/l	96

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Supervised By : Mahesh
 Dadoda
 03/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	31545m	19.409	ug/l	
42) 1,2-Dichloroethane	8.234	62	106725	19.958	ug/l	93
43) Isopropyl Acetate	8.270	43	109573	17.421	ug/l #	88
44) Trichloroethene	8.941	130	99563	20.918	ug/l	98
45) 1,2-Dichloropropane	9.222	63	85947	19.393	ug/l	99
46) Dibromomethane	9.307	93	53079	19.953	ug/l	98
47) Bromodichloromethane	9.496	83	128405	20.579	ug/l	99
48) Methyl methacrylate	9.295	41	47792	17.530	ug/l #	76
49) 1,4-Dioxane	9.301	88	10888	339.018	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	286446	85.114	ug/l	89
52) Toluene	10.246	92	221828	20.019	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	122931	19.190	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	137345	19.405	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	73627	20.344	ug/l	99
56) Ethyl methacrylate	10.514	69	89845	18.699	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	120654	19.715	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	217133	82.863	ug/l	94
59) 2-Hexanone	10.831	43	191816	84.636	ug/l	86
60) Dibromochloromethane	10.983	129	90154	20.920	ug/l	100
61) 1,2-Dibromoethane	11.087	107	70267	20.370	ug/l	99
64) Tetrachloroethene	10.721	164	83048	20.509	ug/l	97
65) Chlorobenzene	11.514	112	248030	20.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	94857	21.313	ug/l	97
67) Ethyl Benzene	11.593	91	427727	19.928	ug/l	98
68) m/p-Xylenes	11.703	106	334856	40.661	ug/l	90
69) o-Xylene	12.026	106	158613	20.324	ug/l	91
70) Styrene	12.044	104	260549	19.939	ug/l	95
71) Bromoform	12.209	173	56718	20.467	ug/l #	100
73) Isopropylbenzene	12.331	105	422043	20.033	ug/l	99
74) N-amyl acetate	12.142	43	99474	17.738	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	83556	18.911	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	59666m	19.757	ug/l	
77) Bromobenzene	12.605	156	103544	21.338	ug/l	88
78) n-propylbenzene	12.672	91	491708	19.342	ug/l	97
79) 2-Chlorotoluene	12.757	91	272770	20.052	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	343045	20.364	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	24123	16.330	ug/l	93
82) 4-Chlorotoluene	12.855	91	279604	19.983	ug/l	95
83) tert-Butylbenzene	13.075	119	316878	20.451	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	343917	20.727	ug/l	96
85) sec-Butylbenzene	13.251	105	454536	19.831	ug/l	98
86) p-Isopropyltoluene	13.367	119	375003	19.809	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	198017	20.507	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	193459	20.300	ug/l	99
89) n-Butylbenzene	13.696	91	340803	19.047	ug/l	98
90) Hexachloroethane	13.958	117	76940	21.441	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	177829	20.740	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11998	17.930	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	107784	19.856	ug/l	100
94) Hexachlorobutadiene	15.111	225	64983	20.248	ug/l	97
95) Naphthalene	15.233	128	225222	20.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	98602	20.381	ug/l	98

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

