

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008129.D
 Acq On : 31 Mar 2022 10:55
 Operator : SY/MD
 Sample : VY0331SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Quant Time: Mar 31 14:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/01/2022
 Supervised By :Semsettin Yesilyurt 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	145298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	251076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	225800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70490	48.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.700%		
35) Dibromofluoromethane	7.716	113	75459	47.936	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.880%		
50) Toluene-d8	10.179	98	280329	47.267	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.540%		
62) 4-Bromofluorobenzene	12.483	95	95348	45.569	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26561	20.279	ug/l	98
3) Chloromethane	2.113	50	33193	20.811	ug/l	95
4) Vinyl Chloride	2.253	62	42079	19.828	ug/l	96
5) Bromomethane	2.644	94	38789	22.303	ug/l	96
6) Chloroethane	2.790	64	28717	20.572	ug/l	99
7) Trichlorofluoromethane	3.131	101	51771	19.285	ug/l	95
8) Diethyl Ether	3.534	74	17450	20.073	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	32590	19.571	ug/l	92
10) Methyl Iodide	4.094	142	30625	16.908	ug/l	91
11) Tert butyl alcohol	4.954	59	13795	91.207	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	30428	19.738	ug/l #	77
13) Acrolein	3.735	56	10883	88.402	ug/l	98
14) Allyl chloride	4.479	41	40951	20.190	ug/l #	91
15) Acrylonitrile	5.161	53	40658	98.186	ug/l	97
16) Acetone	3.954	43	32293	96.916	ug/l #	86
17) Carbon Disulfide	4.198	76	90001	20.604	ug/l	99
18) Methyl Acetate	4.479	43	18507	16.219	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	85373	19.487	ug/l	96
20) Methylene Chloride	4.722	84	38310	19.753	ug/l #	73
21) trans-1,2-Dichloroethene	5.222	96	36531	20.465	ug/l #	80
22) Diisopropyl ether	6.119	45	88476	20.275	ug/l #	93
23) Vinyl Acetate	6.058	43	284715	105.298	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	57378	19.861	ug/l	98
25) 2-Butanone	6.984	43	48413	95.477	ug/l #	73
26) 2,2-Dichloropropane	6.984	77	52708	19.265	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	41355	19.987	ug/l	82
28) Bromochloromethane	7.332	49	19639	20.901	ug/l #	66
29) Tetrahydrofuran	7.350	42	32786	99.454	ug/l #	75
30) Chloroform	7.509	83	62425	19.956	ug/l	100
31) Cyclohexane	7.783	56	52341	19.208	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	57648	19.945	ug/l	94
36) 1,1-Dichloropropene	7.917	75	48252	19.514	ug/l	97
37) Ethyl Acetate	7.076	43	22608	19.572	ug/l #	90
38) Carbon Tetrachloride	7.899	117	51594	19.146	ug/l	94
39) Methylcyclohexane	9.185	83	62031	18.585	ug/l #	83
40) Benzene	8.161	78	138613	19.597	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	12538m	21.616	ug/l	
42) 1,2-Dichloroethane	8.234	62	38862	19.586	ug/l	90
43) Isopropyl Acetate	8.271	43	41589	18.340	ug/l #	84
44) Trichloroethene	8.941	130	39595	19.358	ug/l	97
45) 1,2-Dichloropropane	9.216	63	32418	19.447	ug/l	95
46) Dibromomethane	9.307	93	21093	19.244	ug/l	96
47) Bromodichloromethane	9.496	83	48559	19.374	ug/l	99
48) Methyl methacrylate	9.295	41	18730	18.649	ug/l #	80
49) 1,4-Dioxane	9.301	88	5755	394.962	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	108546	94.907	ug/l #	84
52) Toluene	10.246	92	91054	19.629	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	49035	19.086	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	56600	19.461	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	29409	19.431	ug/l	99
56) Ethyl methacrylate	10.514	69	37671	19.081	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	48562	19.604	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	73334	89.651	ug/l #	89
59) 2-Hexanone	10.831	43	75738	94.636	ug/l	80
60) Dibromochloromethane	10.983	129	35127	19.083	ug/l	98
61) 1,2-Dibromoethane	11.087	107	29791	19.764	ug/l	97
64) Tetrachloroethene	10.721	164	32464	18.719	ug/l	97
65) Chlorobenzene	11.520	112	99227	19.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35503	18.905	ug/l	96
67) Ethyl Benzene	11.593	91	174351	19.538	ug/l	96
68) m/p-Xylenes	11.703	106	138155	38.936	ug/l	91
69) o-Xylene	12.032	106	65603	19.310	ug/l	91
70) Styrene	12.044	104	108102	19.437	ug/l	95
71) Bromoform	12.209	173	20532	18.108	ug/l #	100
73) Isopropylbenzene	12.331	105	172210	19.987	ug/l	99
74) N-amyl acetate	12.142	43	37375	19.733	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	34094	20.358	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22378m	17.586	ug/l	
77) Bromobenzene	12.611	156	39099	19.780	ug/l	95
78) n-propylbenzene	12.672	91	204496	20.121	ug/l	98
79) 2-Chlorotoluene	12.758	91	114874	20.375	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	140811	19.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11053	19.380	ug/l #	80
82) 4-Chlorotoluene	12.855	91	117408	20.296	ug/l	98
83) tert-Butylbenzene	13.075	119	124488	19.796	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	138435	20.139	ug/l	98
85) sec-Butylbenzene	13.257	105	186157	20.055	ug/l	100
86) p-Isopropyltoluene	13.373	119	154940	20.057	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	76831	19.605	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	76836	19.660	ug/l	98
89) n-Butylbenzene	13.696	91	144061	20.269	ug/l	99
90) Hexachloroethane	13.965	117	29034	19.397	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	68894	19.967	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5118	19.147	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	38641	18.699	ug/l	98
94) Hexachlorobutadiene	15.117	225	20111	18.396	ug/l	98
95) Naphthalene	15.239	128	84313	18.458	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	33596	18.789	ug/l	98

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

