

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008127.D
 Acq On : 31 Mar 2022 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 31 14:21:26 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	157960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75399	47.576	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.160%		
35) Dibromofluoromethane	7.722	113	83718	49.784	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.560%		
50) Toluene-d8	10.179	98	309485	48.849	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.483	95	106531	47.661	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61692	43.325	ug/l	99
3) Chloromethane	2.119	50	80340	46.333	ug/l	95
4) Vinyl Chloride	2.253	62	104923	45.478	ug/l	97
5) Bromomethane	2.656	94	84313	44.592	ug/l	98
6) Chloroethane	2.796	64	71144	46.879	ug/l	100
7) Trichlorofluoromethane	3.125	101	130611	44.754	ug/l	96
8) Diethyl Ether	3.534	74	44766	47.366	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.905	101	83536	46.144	ug/l	93
10) Methyl Iodide	4.094	142	94416	44.833	ug/l	91
11) Tert butyl alcohol	4.954	59	37030	225.203	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	77959	46.516	ug/l #	79
13) Acrolein	3.735	56	34365	256.770	ug/l	98
14) Allyl chloride	4.485	41	105790	47.976	ug/l #	90
15) Acrylonitrile	5.167	53	109586	243.428	ug/l	96
16) Acetone	3.948	43	98144	270.934	ug/l #	86
17) Carbon Disulfide	4.198	76	219608	46.244	ug/l	100
18) Methyl Acetate	4.479	43	45108	46.965	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	230029	48.297	ug/l	94
20) Methylene Chloride	4.716	84	89635	48.494	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	92483	47.658	ug/l	84
22) Diisopropyl ether	6.119	45	232620	49.035	ug/l #	90
23) Vinyl Acetate	6.058	43	764245	259.990	ug/l #	86
24) 1,1-Dichloroethane	6.021	63	151902	48.366	ug/l	97
25) 2-Butanone	6.984	43	137186	248.862	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	145902	49.054	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	109381	48.628	ug/l	81
28) Bromochloromethane	7.338	49	40710	48.945	ug/l #	67
29) Tetrahydrofuran	7.350	42	85029	237.255	ug/l #	72
30) Chloroform	7.508	83	167005	49.109	ug/l	100
31) Cyclohexane	7.789	56	128276	43.302	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	153304	48.789	ug/l	94
36) 1,1-Dichloropropene	7.923	75	125779	47.616	ug/l	95
37) Ethyl Acetate	7.076	43	60127	48.726	ug/l #	91
38) Carbon Tetrachloride	7.899	117	137736	47.847	ug/l	98
39) Methylcyclohexane	9.185	83	161450	45.281	ug/l #	83
40) Benzene	8.161	78	362785	48.013	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	35791m	57.763	ug/l	
42) 1,2-Dichloroethane	8.240	62	101409	47.843	ug/l	89
43) Isopropyl Acetate	8.277	43	114152	47.123	ug/l #	84
44) Trichloroethene	8.941	130	105758	48.402	ug/l	99
45) 1,2-Dichloropropane	9.216	63	85950	48.266	ug/l	95
46) Dibromomethane	9.307	93	56726	48.446	ug/l	96
47) Bromodichloromethane	9.496	83	130607	48.780	ug/l	98
48) Methyl methacrylate	9.295	41	49302	45.951	ug/l #	74
49) 1,4-Dioxane	9.301	88	14897	957.045	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	292511	239.414	ug/l #	83
52) Toluene	10.246	92	244032	49.247	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	134372	48.959	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	151782	48.854	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	79721	49.308	ug/l	97
56) Ethyl methacrylate	10.508	69	104263	49.437	ug/l #	73
57) 1,3-Dichloropropane	10.794	76	128930	48.723	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	189989	217.422	ug/l #	88
59) 2-Hexanone	10.831	43	208720	244.135	ug/l	79
60) Dibromochloromethane	10.990	129	98063	49.870	ug/l	99
61) 1,2-Dibromoethane	11.093	107	77949	48.408	ug/l	99
64) Tetrachloroethene	10.721	164	86793	46.558	ug/l	96
65) Chlorobenzene	11.520	112	265176	48.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	99380	49.229	ug/l	98
67) Ethyl Benzene	11.593	91	469399	48.936	ug/l	96
68) m/p-Xylenes	11.703	106	376103	98.606	ug/l	90
69) o-Xylene	12.032	106	178146	48.781	ug/l	90
70) Styrene	12.050	104	299303	50.065	ug/l	93
71) Bromoform	12.209	173	61116	50.142	ug/l #	98
73) Isopropylbenzene	12.331	105	475710	49.393	ug/l	99
74) N-amyl acetate	12.148	43	98786	46.660	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	91488	48.872	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	61399m	43.167	ug/l	
77) Bromobenzene	12.611	156	110084	49.823	ug/l	89
78) n-propylbenzene	12.672	91	553221	48.698	ug/l	97
79) 2-Chlorotoluene	12.758	91	306397	48.619	ug/l	95
80) 1,3,5-Trimethylbenzene	12.819	105	387330	49.091	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	32082	50.324	ug/l #	80
82) 4-Chlorotoluene	12.855	91	312080	48.263	ug/l	94
83) tert-Butylbenzene	13.081	119	350415	49.850	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	376938	49.058	ug/l	97
85) sec-Butylbenzene	13.257	105	508335	48.993	ug/l	98
86) p-Isopropyltoluene	13.373	119	426422	49.383	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	218656	49.915	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	214905	49.192	ug/l	97
89) n-Butylbenzene	13.703	91	378479	47.639	ug/l	97
90) Hexachloroethane	13.965	117	81189	48.526	ug/l	84
91) 1,2-Dichlorobenzene	13.745	146	192107	49.810	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13700	45.852	ug/l	75
93) 1,2,4-Trichlorobenzene	15.013	180	104315	45.159	ug/l	99
94) Hexachlorobutadiene	15.117	225	53861	44.076	ug/l	99
95) Naphthalene	15.239	128	226897	44.438	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	88295	44.177	ug/l	98

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

