

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007426.D
 Acq On : 08 Feb 2022 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

Quant Time: Feb 09 00:49:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71934	44.385	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.780%		
35) Dibromofluoromethane	7.716	113	66859	44.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.700%		
50) Toluene-d8	10.179	98	247606	44.456	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.920%		
62) 4-Bromofluorobenzene	12.483	95	82687	43.678	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	70765	42.898	ug/l	99
3) Chloromethane	2.113	50	79160	43.378	ug/l	94
4) Vinyl Chloride	2.253	62	84764	43.574	ug/l	96
5) Bromomethane	2.656	94	57209	48.553	ug/l	99
6) Chloroethane	2.802	64	53842	45.068	ug/l	97
7) Trichlorofluoromethane	3.131	101	144600	45.871	ug/l	94
8) Diethyl Ether	3.534	74	43149	46.114	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	80169	45.156	ug/l	92
10) Methyl Iodide	4.095	142	93723	48.970	ug/l	95
11) Tert butyl alcohol	4.948	59	33740	164.833	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	74017	45.134	ug/l	85
13) Acrolein	3.729	56	55324	254.112	ug/l	100
14) Allyl chloride	4.485	41	114318	45.385	ug/l #	95
15) Acrylonitrile	5.168	53	104600	237.935	ug/l	100
16) Acetone	3.948	43	127133	241.536	ug/l	92
17) Carbon Disulfide	4.198	76	224572	43.620	ug/l	100
18) Methyl Acetate	4.479	43	45758	46.414	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	214755	46.481	ug/l	95
20) Methylene Chloride	4.722	84	78829	46.028	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	81690	45.027	ug/l	88
22) Diisopropyl ether	6.119	45	237124	44.929	ug/l #	95
23) Vinyl Acetate	6.064	43	795337	231.066	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	143331	44.966	ug/l	98
25) 2-Butanone	6.984	43	150396	236.495	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	137732	45.158	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	91105	45.463	ug/l	90
28) Bromochloromethane	7.332	49	58185	46.684	ug/l #	85
29) Tetrahydrofuran	7.350	42	85330	232.205	ug/l #	86
30) Chloroform	7.509	83	151713	45.754	ug/l	100
31) Cyclohexane	7.783	56	133925	42.350	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	139699	45.330	ug/l	96
36) 1,1-Dichloropropene	7.923	75	118394	44.921	ug/l	99
37) Ethyl Acetate	7.076	43	59810	45.646	ug/l #	95
38) Carbon Tetrachloride	7.899	117	127717	46.124	ug/l	95
39) Methylcyclohexane	9.185	83	147250	44.488	ug/l	90
40) Benzene	8.161	78	316261	45.270	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	35074m	53.867	ug/l	
42) 1,2-Dichloroethane	8.240	62	97074	45.710	ug/l	95
43) Isopropyl Acetate	8.271	43	116187	47.415	ug/l #	93
44) Trichloroethene	8.941	130	86222	45.646	ug/l	91
45) 1,2-Dichloropropane	9.222	63	78675	45.671	ug/l	98
46) Dibromomethane	9.307	93	47096	45.952	ug/l	92
47) Bromodichloromethane	9.496	83	114926	46.372	ug/l	100
48) Methyl methacrylate	9.295	41	53357	48.148	ug/l #	89
49) 1,4-Dioxane	9.301	88	10703	953.372	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	297687	239.533	ug/l	91
52) Toluene	10.246	92	200045	45.448	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	121742	47.021	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	136116	46.937	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	62568	46.483	ug/l	99
56) Ethyl methacrylate	10.508	69	90942	48.643	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	109547	45.902	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	235803	242.466	ug/l	96
59) 2-Hexanone	10.831	43	218754	241.440	ug/l	90
60) Dibromochloromethane	10.990	129	77842	46.452	ug/l	99
61) 1,2-Dibromoethane	11.087	107	62944	47.266	ug/l	99
64) Tetrachloroethene	10.721	164	74151	46.750	ug/l	95
65) Chlorobenzene	11.520	112	207249	46.096	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	77926	46.429	ug/l	97
67) Ethyl Benzene	11.593	91	397824	46.629	ug/l	100
68) m/p-Xylenes	11.703	106	292717	92.634	ug/l	99
69) o-Xylene	12.032	106	139128	46.568	ug/l	99
70) Styrene	12.044	104	236017	47.922	ug/l	98
71) Bromoform	12.209	173	45933	49.602	ug/l #	97
73) Isopropylbenzene	12.331	105	381407	46.350	ug/l	97
74) N-amyl acetate	12.142	43	99690	48.943	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	70568	46.959	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	57508m	53.726	ug/l	
77) Bromobenzene	12.611	156	79392	45.802	ug/l	96
78) n-propylbenzene	12.672	91	468192	46.974	ug/l	99
79) 2-Chlorotoluene	12.758	91	257164	46.601	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	315507	47.000	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26592	49.771	ug/l	87
82) 4-Chlorotoluene	12.855	91	260088	45.888	ug/l	99
83) tert-Butylbenzene	13.075	119	270211	46.238	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	307720	46.557	ug/l	99
85) sec-Butylbenzene	13.258	105	409702	46.740	ug/l	99
86) p-Isopropyltoluene	13.373	119	335121	46.932	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	156159	46.465	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	156965	46.854	ug/l	98
89) n-Butylbenzene	13.696	91	329056	47.879	ug/l	99
90) Hexachloroethane	13.965	117	64218	47.588	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	137714	46.554	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11175	45.760	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	82661	47.186	ug/l	98
94) Hexachlorobutadiene	15.111	225	46577	48.028	ug/l	99
95) Naphthalene	15.239	128	183540	50.416	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	71515	48.362	ug/l	98

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

