

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006800.D
 Acq On : 17 Nov 2021 20:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 03:04:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	135042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	204912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	91489	51.692	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.380%			
35) Dibromofluoromethane	7.722	113	68385	47.098	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.200%			
50) Toluene-d8	10.185	98	279744	46.559	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.120%			
62) 4-Bromofluorobenzene	12.483	95	97740	48.253	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	71118	54.838	ug/l	100
3) Chloromethane	2.119	50	115091	58.991	ug/l	100
4) Vinyl Chloride	2.253	62	116362	58.746	ug/l	99
5) Bromomethane	2.649	94	72045	68.260	ug/l	96
6) Chloroethane	2.796	64	74366	61.368	ug/l	98
7) Trichlorofluoromethane	3.131	101	142156	57.266	ug/l	99
8) Diethyl Ether	3.539	74	54104	65.442	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	80058	60.725	ug/l	96
10) Methyl Iodide	4.100	142	97713	59.292	ug/l	97
11) Tert butyl alcohol	4.954	59	58066	218.154	ug/l	97
12) 1,1-Dichloroethene	3.875	96	78754	60.230	ug/l	96
13) Acrolein	3.734	56	12721	341.645	ug/l	100
14) Allyl chloride	4.490	41	189396	64.306	ug/l	93
15) Acrylonitrile	5.173	53	156006	327.156	ug/l	100
16) Acetone	3.954	43	148146	275.497	ug/l	99
17) Carbon Disulfide	4.198	76	275444	59.678	ug/l	99
18) Methyl Acetate	4.484	43	120068	68.976	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	268315	65.100	ug/l	97
20) Methylene Chloride	4.722	84	106286	67.446	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	93173	62.375	ug/l	91
22) Diisopropyl ether	6.130	45	361902	62.278	ug/l	94
23) Vinyl Acetate	6.069	43	1082816	308.578	ug/l	97
24) 1,1-Dichloroethane	6.027	63	174636	58.877	ug/l	97
25) 2-Butanone	6.990	43	213236	271.668	ug/l	98
26) 2,2-Dichloropropane	6.990	77	141097	52.644	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	97270	57.657	ug/l	95
28) Bromochloromethane	7.344	49	79756	57.164	ug/l	87
29) Tetrahydrofuran	7.356	42	138940	311.346	ug/l	93
30) Chloroform	7.514	83	165043	57.881	ug/l	95
31) Cyclohexane	7.789	56	165381	53.164	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	143381	54.562	ug/l	99
36) 1,1-Dichloropropene	7.923	75	126794	49.348	ug/l	99
37) Ethyl Acetate	7.081	43	91463	53.242	ug/l	98
38) Carbon Tetrachloride	7.911	117	125163	47.625	ug/l	99
39) Methylcyclohexane	9.185	83	156459	49.929	ug/l	98
40) Benzene	8.167	78	368483	50.944	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	72502m	50.265	ug/l	
42) 1,2-Dichloroethane	8.246	62	125191	51.951	ug/l	98
43) Isopropyl Acetate	8.276	43	155777	48.341	ug/l	97
44) Trichloroethene	8.947	130	94395	53.645	ug/l	93
45) 1,2-Dichloropropane	9.221	63	95732	51.298	ug/l	99
46) Dibromomethane	9.307	93	51576	53.062	ug/l	96
47) Bromodichloromethane	9.502	83	129710	52.549	ug/l	98
48) Methyl methacrylate	9.294	41	79811	52.274	ug/l	97
49) 1,4-Dioxane	9.301	88	13073	1172.141	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	472059	278.105	ug/l	100
52) Toluene	10.246	92	221643	50.462	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	140717	52.446	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	155337	51.621	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	69596	53.634	ug/l	96
56) Ethyl methacrylate	10.514	69	114304	56.671	ug/l	97
57) 1,3-Dichloropropane	10.794	76	130004	54.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	294763	266.924	ug/l	95
59) 2-Hexanone	10.837	43	331807	264.832	ug/l	100
60) Dibromochloromethane	10.983	129	83063	52.221	ug/l	98
61) 1,2-Dibromoethane	11.093	107	67202	55.899	ug/l	98
64) Tetrachloroethene	10.721	164	78725	52.575	ug/l	98
65) Chlorobenzene	11.520	112	227897	54.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	83897	53.813	ug/l	98
67) Ethyl Benzene	11.593	91	440470	55.741	ug/l	98
68) m/p-Xylenes	11.703	106	323609	107.455	ug/l	100
69) o-Xylene	12.032	106	153556	53.824	ug/l	97
70) Styrene	12.044	104	265245	55.050	ug/l	99
71) Bromoform	12.209	173	52472	55.606	ug/l	98
73) Isopropylbenzene	12.330	105	406338	53.752	ug/l	99
74) N-amyl acetate	12.142	43	158553	57.391	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	86706	61.992	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	59375m	55.015	ug/l	
77) Bromobenzene	12.611	156	93692	54.421	ug/l	92
78) n-propylbenzene	12.672	91	511963	55.554	ug/l	98
79) 2-Chlorotoluene	12.757	91	290171	57.540	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	343276	55.406	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	31709	58.217	ug/l	97
82) 4-Chlorotoluene	12.855	91	297407	56.416	ug/l	97
83) tert-Butylbenzene	13.074	119	290406	53.967	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	342740	55.407	ug/l	98
85) sec-Butylbenzene	13.257	105	440813	55.008	ug/l	99
86) p-Isopropyltoluene	13.367	119	364471	53.726	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	182959	53.363	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	180224	53.267	ug/l	99
89) n-Butylbenzene	13.696	91	357353	55.826	ug/l	98
90) Hexachloroethane	13.958	117	68369	55.923	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	161483	54.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14551	58.854	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	98290	50.846	ug/l	99
94) Hexachlorobutadiene	15.110	225	62447	49.509	ug/l	99
95) Naphthalene	15.239	128	200192	55.983	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	85453	53.049	ug/l	98

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

