

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006819.D
 Acq On : 19 Nov 2021 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 18:14:31 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 :Semsettin Yesilyurt 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	133832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	210286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89280	50.900	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.800%			
35) Dibromofluoromethane	7.728	113	66056	51.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.280%			
50) Toluene-d8	10.185	98	269233	50.371	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.483	95	92677	51.432	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	70146	54.578	ug/l	99
3) Chloromethane	2.119	50	101515	52.503	ug/l	98
4) Vinyl Chloride	2.259	62	103617	52.784	ug/l	99
5) Bromomethane	2.656	94	59103	56.504	ug/l	98
6) Chloroethane	2.802	64	56589	47.121	ug/l	93
7) Trichlorofluoromethane	3.137	101	130504	53.048	ug/l	96
8) Diethyl Ether	3.540	74	45719	55.800	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.911	101	71527	54.744	ug/l	97
10) Methyl Iodide	4.100	142	84595	51.796	ug/l	99
11) Tert butyl alcohol	4.960	59	49106	186.159	ug/l	97
12) 1,1-Dichloroethene	3.881	96	69790	53.857	ug/l	93
13) Acrolein	3.735	56	12614	341.834	ug/l	97
14) Allyl chloride	4.491	41	163973	56.178	ug/l	95
15) Acrylonitrile	5.173	53	137030	289.960	ug/l	100
16) Acetone	3.954	43	148191	278.072	ug/l	96
17) Carbon Disulfide	4.204	76	239708	52.405	ug/l	100
18) Methyl Acetate	4.485	43	98998	57.386	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	229655	56.224	ug/l	99
20) Methylene Chloride	4.722	84	84883	53.636	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	80229	54.195	ug/l	96
22) Diisopropyl ether	6.124	45	331754	57.606	ug/l	97
23) Vinyl Acetate	6.070	43	1032971	297.035	ug/l	97
24) 1,1-Dichloroethane	6.027	63	158986	54.086	ug/l	98
25) 2-Butanone	6.996	43	211676	272.100	ug/l	98
26) 2,2-Dichloropropane	6.990	77	143413	53.992	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	89530	53.548	ug/l	93
28) Bromochloromethane	7.344	49	71190	51.486	ug/l	87
29) Tetrahydrofuran	7.356	42	133486	301.829	ug/l	92
30) Chloroform	7.514	83	152337	53.908	ug/l	99
31) Cyclohexane	7.789	56	163849	53.147	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	136687	52.485	ug/l	98
36) 1,1-Dichloropropene	7.923	75	121926	53.343	ug/l	98
37) Ethyl Acetate	7.082	43	88000	57.584	ug/l	100
38) Carbon Tetrachloride	7.905	117	121348	51.905	ug/l	96
39) Methylcyclohexane	9.191	83	150242	53.896	ug/l	96
40) Benzene	8.167	78	341583	53.086	ug/l	100

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41) Methacrylonitrile	7.332	41	54399m	42.395	ug/l	
42) 1,2-Dichloroethane	8.246	62	115900	54.065	ug/l	99
43) Isopropyl Acetate	8.277	43	168536	58.792	ug/l	98
44) Trichloroethene	8.947	130	81155	51.845	ug/l	97
45) 1,2-Dichloropropane	9.221	63	91661	55.212	ug/l	95
46) Dibromomethane	9.313	93	46089	53.302	ug/l	95
47) Bromodichloromethane	9.502	83	118081	53.775	ug/l	97
48) Methyl methacrylate	9.295	41	75574	55.643	ug/l	96
49) 1,4-Dioxane	9.307	88	11760	1185.281	ug/l	88
51) 4-Methyl-2-Pentanone	10.075	43	454818	301.203	ug/l	97
52) Toluene	10.246	92	207798	53.181	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	131296	55.008	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	145242	54.257	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	64415	55.802	ug/l	93
56) Ethyl methacrylate	10.514	69	105879	59.009	ug/l	97
57) 1,3-Dichloropropane	10.794	76	119802	56.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	227292	231.371	ug/l	95
59) 2-Hexanone	10.837	43	330644	293.795	ug/l	98
60) Dibromochloromethane	10.989	129	75146	53.107	ug/l	100
61) 1,2-Dibromoethane	11.093	107	60643	56.703	ug/l	99
64) Tetrachloroethene	10.721	164	72760	51.433	ug/l	96
65) Chlorobenzene	11.520	112	209601	53.217	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	77941	52.916	ug/l	98
67) Ethyl Benzene	11.593	91	412489	55.253	ug/l	98
68) m/p-Xylenes	11.703	106	306893	107.864	ug/l	100
69) o-Xylene	12.032	106	143203	53.130	ug/l	97
70) Styrene	12.044	104	246609	54.176	ug/l	99
71) Bromoform	12.209	173	49509	55.534	ug/l #	98
73) Isopropylbenzene	12.331	105	386073	53.555	ug/l	99
74) N-amyl acetate	12.148	43	151146	57.371	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	79439	59.559	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	58656m	56.992	ug/l	
77) Bromobenzene	12.611	156	86062	52.420	ug/l	90
78) n-propylbenzene	12.672	91	494218	56.237	ug/l	98
79) 2-Chlorotoluene	12.757	91	267089	55.538	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	325016	55.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	31097	59.870	ug/l	96
82) 4-Chlorotoluene	12.855	91	277959	55.291	ug/l	98
83) tert-Butylbenzene	13.081	119	283178	55.183	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	323744	54.882	ug/l	98
85) sec-Butylbenzene	13.257	105	422864	55.334	ug/l	99
86) p-Isopropyltoluene	13.373	119	353160	54.591	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	171838	52.557	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	168164	52.120	ug/l	99
89) n-Butylbenzene	13.696	91	347266	56.889	ug/l	99
90) Hexachloroethane	13.965	117	63889	54.800	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	149094	52.911	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13642	57.861	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	93424	50.680	ug/l	99
94) Hexachlorobutadiene	15.117	225	60868	50.604	ug/l	99
95) Naphthalene	15.239	128	184585	54.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	79529	51.773	ug/l	99

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

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