

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006058.D
 Acq On : 16 Sep 2021 19:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:30:49 PM

Quant Time: Sep 17 02:47:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	184721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	128051	49.905	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.820%		
35) Dibromofluoromethane	7.722	113	96858	57.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	114.540%		
50) Toluene-d8	10.185	98	360980	50.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.483	95	122763	50.160	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	86816	44.490	ug/l	98
3) Chloromethane	2.113	50	116340	47.945	ug/l	99
4) Vinyl Chloride	2.253	62	132114	48.221	ug/l	99
5) Bromomethane	2.650	94	91943	51.727	ug/l	99
6) Chloroethane	2.796	64	82763	50.372	ug/l	97
7) Trichlorofluoromethane	3.131	101	173994	48.717	ug/l	96
8) Diethyl Ether	3.534	74	66042	56.248	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	96266	53.986	ug/l	95
10) Methyl Iodide	4.101	142	88660	46.967	ug/l	94
11) Tert butyl alcohol	4.960	59	79102	193.880	ug/l	99
12) 1,1-Dichloroethene	3.881	96	97258	52.732	ug/l	97
13) Acrolein	3.735	56	35012	227.090	ug/l	99
14) Allyl chloride	4.491	41	219445	55.738	ug/l	93
15) Acrylonitrile	5.173	53	191244	285.956	ug/l	99
16) Acetone	3.954	43	159069	226.025	ug/l	97
17) Carbon Disulfide	4.204	76	326323	52.978	ug/l	99
18) Methyl Acetate	4.485	43	103330	58.287	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	329761	55.458	ug/l	97
20) Methylene Chloride	4.722	84	131913	61.110	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	111056	53.698	ug/l	97
22) Diisopropyl ether	6.125	45	446548	58.369	ug/l	95
23) Vinyl Acetate	6.070	43	1371351	284.079	ug/l	100
24) 1,1-Dichloroethane	6.027	63	219966	56.119	ug/l	99
25) 2-Butanone	6.990	43	262028	270.134	ug/l	99
26) 2,2-Dichloropropane	6.990	77	173832	46.815	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	130264	56.456	ug/l	99
28) Bromochloromethane	7.344	49	104323	60.588	ug/l	94
29) Tetrahydrofuran	7.350	42	177850	291.731	ug/l	99
30) Chloroform	7.515	83	213047	54.210	ug/l	98
31) Cyclohexane	7.789	56	210934	51.318	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	186664	50.586	ug/l	100
36) 1,1-Dichloropropene	7.923	75	164003	55.800	ug/l	99
37) Ethyl Acetate	7.082	43	118219	58.225	ug/l	100
38) Carbon Tetrachloride	7.905	117	164871	51.528	ug/l	97
39) Methylcyclohexane	9.185	83	179189	49.190	ug/l	100
40) Benzene	8.167	78	475140	56.374	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	61647m	51.986	ug/l	
42) 1,2-Dichloroethane	8.240	62	160619	53.889	ug/l	97
43) Isopropyl Acetate	8.277	43	222049	58.713	ug/l	99
44) Trichloroethene	8.941	130	105837	50.391	ug/l	91
45) 1,2-Dichloropropane	9.222	63	110714	53.101	ug/l	96
46) Dibromomethane	9.307	93	58057	51.445	ug/l	99
47) Bromodichloromethane	9.502	83	148409	51.091	ug/l	99
48) Methyl methacrylate	9.295	41	92066	52.683	ug/l	97
49) 1,4-Dioxane	9.301	88	16455	1056.548	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	530503	263.124	ug/l	99
52) Toluene	10.246	92	261511	50.352	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	160810	50.398	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	176519	51.293	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	81098	52.295	ug/l	98
56) Ethyl methacrylate	10.514	69	133788	53.966	ug/l	96
57) 1,3-Dichloropropane	10.794	76	150300	52.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	345422	266.156	ug/l	98
59) 2-Hexanone	10.837	43	368393	264.671	ug/l	98
60) Dibromochloromethane	10.990	129	98799	51.674	ug/l	100
61) 1,2-Dibromoethane	11.093	107	77675	53.029	ug/l	99
64) Tetrachloroethene	10.721	164	102661	49.933	ug/l	96
65) Chlorobenzene	11.520	112	269096	50.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	100781	50.272	ug/l	98
67) Ethyl Benzene	11.593	91	511639	50.044	ug/l	100
68) m/p-Xylenes	11.703	106	385779	99.510	ug/l	100
69) o-Xylene	12.032	106	185063	50.542	ug/l	98
70) Styrene	12.044	104	318576	50.789	ug/l	100
71) Bromoform	12.209	173	65339	52.053	ug/l #	98
73) Isopropylbenzene	12.331	105	482427	49.412	ug/l	99
74) N-amyl acetate	12.142	43	180558	53.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	96584	53.169	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	66568m	50.077	ug/l	
77) Bromobenzene	12.611	156	114113	50.091	ug/l	98
78) n-propylbenzene	12.672	91	596682	49.395	ug/l	99
79) 2-Chlorotoluene	12.758	91	337232	51.345	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	409195	50.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	36483	50.457	ug/l	95
82) 4-Chlorotoluene	12.855	91	347074	51.124	ug/l	98
83) tert-Butylbenzene	13.075	119	347421	50.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	403075	50.175	ug/l	99
85) sec-Butylbenzene	13.251	105	520508	50.207	ug/l	100
86) p-Isopropyltoluene	13.367	119	437084	49.384	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	222171	50.567	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	216852	49.207	ug/l	99
89) n-Butylbenzene	13.696	91	413288	49.934	ug/l	99
90) Hexachloroethane	13.959	117	81226	50.997	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	195753	50.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18208	50.524	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	124772	49.817	ug/l	100
94) Hexachlorobutadiene	15.111	225	77078	47.565	ug/l	99
95) Naphthalene	15.239	128	259581	52.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	108889	50.169	ug/l	99

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

