

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006035.D
 Acq On : 15 Sep 2021 19:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 7:23:40 PM

Quant Time: Sep 16 01:25:07 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	189102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	314898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141732	53.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.920%	
35) Dibromofluoromethane	7.722	113	103014	52.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.340%	
50) Toluene-d8	10.185	98	431950	51.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.483	95	148114	52.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	97600	48.858	ug/l	99
3) Chloromethane	2.113	50	137422	55.321	ug/l	100
4) Vinyl Chloride	2.253	62	152323	54.309	ug/l	98
5) Bromomethane	2.650	94	103206	56.718	ug/l	96
6) Chloroethane	2.796	64	93276	55.455	ug/l	98
7) Trichlorofluoromethane	3.131	101	188512	51.559	ug/l	95
8) Diethyl Ether	3.534	74	68026	56.596	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	95015	52.050	ug/l	95
10) Methyl Iodide	4.101	142	85131	44.053	ug/l	95
11) Tert butyl alcohol	4.948	59	106104	281.762	ug/l	97
12) 1,1-Dichloroethene	3.881	96	97942	51.873	ug/l	98
13) Acrolein	3.735	56	39018	247.210	ug/l	98
14) Allyl chloride	4.491	41	231541	57.448	ug/l	92
15) Acrylonitrile	5.174	53	198621	290.106	ug/l	98
16) Acetone	3.954	43	167170	232.032	ug/l	100
17) Carbon Disulfide	4.204	76	330022	52.337	ug/l	99
18) Methyl Acetate	4.485	43	109333	60.244	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	340199	55.888	ug/l	99
20) Methylene Chloride	4.722	84	136671	61.909	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	113260	53.495	ug/l	95
22) Diisopropyl ether	6.125	45	470019	60.013	ug/l	95
23) Vinyl Acetate	6.070	43	1433154	290.004	ug/l	98
24) 1,1-Dichloroethane	6.027	63	228003	56.822	ug/l	98
25) 2-Butanone	6.990	43	275556	277.500	ug/l	100
26) 2,2-Dichloropropane	6.990	77	174146	45.813	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	131138	55.518	ug/l	99
28) Bromochloromethane	7.344	49	108761	61.702	ug/l	91
29) Tetrahydrofuran	7.350	42	186063	298.132	ug/l	97
30) Chloroform	7.515	83	218957	54.423	ug/l	99
31) Cyclohexane	7.789	56	217141	51.604	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	189414	50.142	ug/l	99
36) 1,1-Dichloropropene	7.923	75	168057	49.446	ug/l	98
37) Ethyl Acetate	7.082	43	123172	52.459	ug/l	100
38) Carbon Tetrachloride	7.905	117	164527	44.465	ug/l	98
39) Methylcyclohexane	9.185	83	201407	47.811	ug/l	96
40) Benzene	8.167	78	490827	50.359	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	78178m	57.009	ug/l	
42) 1,2-Dichloroethane	8.240	62	166156	48.207	ug/l	97
43) Isopropyl Acetate	8.277	43	233377	53.362	ug/l	99
44) Trichloroethene	8.941	130	117177	48.244	ug/l	87
45) 1,2-Dichloropropane	9.222	63	130379	54.074	ug/l	97
46) Dibromomethane	9.307	93	66846	51.221	ug/l	97
47) Bromodichloromethane	9.502	83	170133	50.648	ug/l	99
48) Methyl methacrylate	9.295	41	108639	53.758	ug/l	96
49) 1,4-Dioxane	9.301	88	18284	1015.192	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	620762	266.246	ug/l	99
52) Toluene	10.246	92	296886	49.431	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	185945	50.393	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	203971	51.254	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	93241	51.993	ug/l	98
56) Ethyl methacrylate	10.514	69	152542	53.208	ug/l	97
57) 1,3-Dichloropropane	10.794	76	172100	52.067	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	383164	255.304	ug/l	96
59) 2-Hexanone	10.831	43	428708	266.344	ug/l	100
60) Dibromochloromethane	10.983	129	110926	50.170	ug/l	100
61) 1,2-Dibromoethane	11.093	107	89192	52.656	ug/l	99
64) Tetrachloroethene	10.721	164	111759	47.391	ug/l	98
65) Chlorobenzene	11.520	112	303056	49.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	111931	48.677	ug/l	98
67) Ethyl Benzene	11.593	91	582957	49.711	ug/l	99
68) m/p-Xylenes	11.703	106	432898	97.352	ug/l	99
69) o-Xylene	12.032	106	206522	49.174	ug/l	99
70) Styrene	12.044	104	356797	49.592	ug/l	100
71) Bromoform	12.209	173	70466	48.942	ug/l #	99
73) Isopropylbenzene	12.331	105	542423	50.281	ug/l	99
74) N-amyl acetate	12.142	43	211389	56.744	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	111402	55.502	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	72120m	49.100	ug/l	
77) Bromobenzene	12.611	156	123704	49.144	ug/l	92
78) n-propylbenzene	12.672	91	675311	50.594	ug/l	98
79) 2-Chlorotoluene	12.758	91	381182	52.525	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	460461	51.466	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	40889	51.180	ug/l	98
82) 4-Chlorotoluene	12.855	91	393957	52.518	ug/l	96
83) tert-Butylbenzene	13.075	119	388063	50.713	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	465474	52.439	ug/l	99
85) sec-Butylbenzene	13.251	105	577145	50.383	ug/l	99
86) p-Isopropyltoluene	13.367	119	476241	48.698	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	240076	49.453	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	235006	48.262	ug/l	98
89) n-Butylbenzene	13.696	91	457874	50.067	ug/l	99
90) Hexachloroethane	13.959	117	89890	51.076	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	210451	49.383	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20203	50.735	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	126122	45.573	ug/l	100
94) Hexachlorobutadiene	15.111	225	76676	42.823	ug/l	98
95) Naphthalene	15.233	128	260882	47.397	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	107482	44.818	ug/l	99

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

