

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006249.D
 Acq On : 30 Sep 2021 18:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/1/2021 11:02:15 AM

Quant Time: Oct 01 06:28:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	146126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76404	48.852	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.700%		
35) Dibromofluoromethane	7.722	113	57013	48.012	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.020%		
50) Toluene-d8	10.185	98	240503	48.393	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.780%		
62) 4-Bromofluorobenzene	12.483	95	83872	49.678	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69125	46.637	ug/l	98
3) Chloromethane	2.119	50	77110	44.665	ug/l	98
4) Vinyl Chloride	2.259	62	90658	47.382	ug/l	97
5) Bromomethane	2.656	94	63388	50.976	ug/l	100
6) Chloroethane	2.802	64	56640	50.310	ug/l	97
7) Trichlorofluoromethane	3.131	101	124640	49.456	ug/l	93
8) Diethyl Ether	3.534	74	40884	49.115	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	64491	47.935	ug/l	97
10) Methyl Iodide	4.101	142	63366	43.217	ug/l	95
11) Tert butyl alcohol	4.960	59	29931	218.780	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	65943	48.183	ug/l	91
13) Acrolein	3.741	56	27371	279.894	ug/l	100
14) Allyl chloride	4.491	41	118558	45.046	ug/l	95
15) Acrylonitrile	5.174	53	105815	241.685	ug/l	99
16) Acetone	3.954	43	98949	226.521	ug/l	99
17) Carbon Disulfide	4.204	76	215328	47.043	ug/l	100
18) Methyl Acetate	4.485	43	69774	47.370	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	199612	49.943	ug/l	97
20) Methylene Chloride	4.728	84	81584	54.519	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	74221	48.916	ug/l	95
22) Diisopropyl ether	6.131	45	248791	47.781	ug/l	94
23) Vinyl Acetate	6.070	43	742396	237.871	ug/l	98
24) 1,1-Dichloroethane	6.027	63	133559	47.779	ug/l	98
25) 2-Butanone	6.990	43	139131	228.653	ug/l	95
26) 2,2-Dichloropropane	6.984	77	125214	48.984	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	84156	49.523	ug/l	95
28) Bromochloromethane	7.344	49	52746	45.318	ug/l #	89
29) Tetrahydrofuran	7.356	42	87994	228.945	ug/l	93
30) Chloroform	7.515	83	140238	50.292	ug/l	99
31) Cyclohexane	7.795	56	130228	43.951	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	130375	50.636	ug/l	98
36) 1,1-Dichloropropene	7.923	75	107083	48.423	ug/l	99
37) Ethyl Acetate	7.082	43	61213	47.515	ug/l	98
38) Carbon Tetrachloride	7.905	117	118993	50.957	ug/l	97
39) Methylcyclohexane	9.191	83	134426	48.394	ug/l	95
40) Benzene	8.167	78	309817	49.381	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	38346m	45.887	ug/l	
42) 1,2-Dichloroethane	8.240	62	104362	51.626	ug/l	97
43) Isopropyl Acetate	8.277	43	118945	48.139	ug/l	96
44) Trichloroethene	8.947	130	83735	51.675	ug/l	100
45) 1,2-Dichloropropane	9.222	63	74324	48.119	ug/l	97
46) Dibromomethane	9.307	93	41288	50.201	ug/l	95
47) Bromodichloromethane	9.502	83	107189	50.617	ug/l	97
48) Methyl methacrylate	9.295	41	58429	49.291	ug/l	96
49) 1,4-Dioxane	9.307	88	9916	924.100	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	310130	241.727	ug/l	98
52) Toluene	10.246	92	196345	50.454	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	114880	49.755	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	125015	49.252	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	57578	49.754	ug/l	99
56) Ethyl methacrylate	10.514	69	88143	50.110	ug/l	93
57) 1,3-Dichloropropane	10.794	76	103019	49.196	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	191711	222.439	ug/l	97
59) 2-Hexanone	10.837	43	218525	239.146	ug/l	96
60) Dibromochloromethane	10.990	129	73407	52.210	ug/l	100
61) 1,2-Dibromoethane	11.093	107	53964	49.249	ug/l	99
64) Tetrachloroethene	10.721	164	93090	54.644	ug/l	98
65) Chlorobenzene	11.520	112	204559	48.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	77617	50.252	ug/l	99
67) Ethyl Benzene	11.593	91	386161	48.879	ug/l	99
68) m/p-Xylenes	11.703	106	300323	100.175	ug/l	97
69) o-Xylene	12.032	106	143111	50.543	ug/l	96
70) Styrene	12.044	104	247247	51.419	ug/l	98
71) Bromoform	12.209	173	48586	50.582	ug/l #	99
73) Isopropylbenzene	12.331	105	380109	48.617	ug/l	100
74) N-amyl acetate	12.142	43	111420	45.914	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	61773	43.748	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	45715m	43.092	ug/l	
77) Bromobenzene	12.611	156	90101	49.152	ug/l	93
78) n-propylbenzene	12.672	91	464981	48.315	ug/l	99
79) 2-Chlorotoluene	12.758	91	254465	47.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	319573	48.883	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	25011	46.330	ug/l	96
82) 4-Chlorotoluene	12.855	91	266155	48.322	ug/l	99
83) tert-Butylbenzene	13.075	119	272664	48.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	318855	49.394	ug/l	99
85) sec-Butylbenzene	13.257	105	412948	48.890	ug/l	99
86) p-Isopropyltoluene	13.373	119	354041	49.672	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	179995	49.560	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	175435	48.990	ug/l	99
89) n-Butylbenzene	13.696	91	326866	48.263	ug/l	99
90) Hexachloroethane	13.959	117	62658	48.407	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	158278	49.838	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12142	45.136	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	104734	49.907	ug/l	99
94) Hexachlorobutadiene	15.111	225	66804	48.795	ug/l	99
95) Naphthalene	15.239	128	197200	47.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	90968	48.907	ug/l	100

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

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