

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005513.D
 Acq On : 02 Aug 2021 09:24
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:29 PM

Quant Time: Aug 03 04:34:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	300082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	440308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	399858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	16025	5.276	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.560%#		
35) Dibromofluoromethane	7.728	113	12395	5.028	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.060%#		
50) Toluene-d8	10.185	98	53270	5.152	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.300%#		
62) 4-Bromofluorobenzene	12.483	95	18482	5.398	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.800%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	13186	5.350	ug/l	99
3) Chloromethane	2.119	50	15405	5.233	ug/l	99
4) Vinyl Chloride	2.259	62	18813	5.335	ug/l	95
5) Bromomethane	2.656	94	13057	5.625	ug/l	98
6) Chloroethane	2.802	64	11069	5.200	ug/l	93
7) Trichlorofluoromethane	3.131	101	24961	5.287	ug/l	99
8) Diethyl Ether	3.540	74	8882	5.386	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	13636	5.324	ug/l	99
10) Methyl Iodide	4.101	142	15910	4.986	ug/l	98
11) Tert butyl alcohol	4.978	59	9166	30.524	ug/l #	86
12) 1,1-Dichloroethene	3.887	96	13942	5.391	ug/l	96
13) Acrolein	3.747	56	4172	23.027	ug/l	95
14) Allyl chloride	4.491	41	22859	5.047	ug/l	99
15) Acrylonitrile	5.173	53	21618	25.580	ug/l	98
16) Acetone	3.960	43	19821	25.881	ug/l	92
17) Carbon Disulfide	4.204	76	42701	5.356	ug/l	97
18) Methyl Acetate	4.485	43	12270	6.126	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	40989	5.116	ug/l	100
20) Methylene Chloride	4.728	84	32216	8.376	ug/l	92
21) trans-1,2-Dichloroethene	5.241	96	15516	5.366	ug/l	91
22) Diisopropyl ether	6.131	45	46942	5.024	ug/l	97
23) Vinyl Acetate	6.076	43	149264	24.002	ug/l	100
24) 1,1-Dichloroethane	6.027	63	26333	5.085	ug/l	95
25) 2-Butanone	7.002	43	28439	25.121	ug/l	93
26) 2,2-Dichloropropane	6.990	77	24884	5.259	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	17220	5.237	ug/l	99
28) Bromochloromethane	7.344	49	10982	5.313	ug/l	98
29) Tetrahydrofuran	7.362	42	19458	25.987	ug/l	99
30) Chloroform	7.515	83	28065	5.310	ug/l	100
31) Cyclohexane	7.789	56	30277	5.811	ug/l #	87
32) 1,1,1-Trichloroethane	7.710	97	24978	5.141	ug/l	99
36) 1,1-Dichloropropene	7.923	75	21142	5.119	ug/l	98
37) Ethyl Acetate	7.088	43	13247	5.295	ug/l	100
38) Carbon Tetrachloride	7.911	117	23296	5.190	ug/l	91
39) Methylcyclohexane	9.185	83	26087	4.965	ug/l	98
40) Benzene	8.167	78	61590	5.208	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	5434	3.673	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	20132	5.248	ug/l	99
43) Isopropyl Acetate	8.283	43	23790	5.023	ug/l	99
44) Trichloroethene	8.947	130	16758	5.192	ug/l	96
45) 1,2-Dichloropropane	9.222	63	15354	5.190	ug/l	100
46) Dibromomethane	9.313	93	8391	5.129	ug/l	98
47) Bromodichloromethane	9.502	83	20696	5.055	ug/l	99
48) Methyl methacrylate	9.301	41	10585	4.945	ug/l	98
49) 1,4-Dioxane	9.313	88	2332	102.570	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	62471	25.044	ug/l	99
52) Toluene	10.252	92	38642	5.124	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	23328	5.098	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	24947	5.024	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	12078	5.103	ug/l	95
56) Ethyl methacrylate	10.514	69	17263	4.871	ug/l	98
57) 1,3-Dichloropropane	10.794	76	21663	5.190	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	40625	23.988	ug/l	100
59) 2-Hexanone	10.837	43	42760	24.253	ug/l	99
60) Dibromochloromethane	10.990	129	14919	5.093	ug/l	97
61) 1,2-Dibromoethane	11.093	107	11423	5.095	ug/l	95
64) Tetrachloroethene	10.727	164	16570	5.444	ug/l	90
65) Chlorobenzene	11.520	112	41352	5.139	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	15351	5.069	ug/l	99
67) Ethyl Benzene	11.593	91	73206	5.017	ug/l	98
68) m/p-Xylenes	11.709	106	56344	9.942	ug/l	98
69) o-Xylene	12.032	106	27715	5.088	ug/l	96
70) Styrene	12.050	104	45485	4.961	ug/l	98
71) Bromoform	12.209	173	9925	5.054	ug/l #	98
73) Isopropylbenzene	12.331	105	70480	4.899	ug/l	99
74) N-amyl acetate	12.148	43	20401	4.710	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	13970	5.048	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	11211m	6.287	ug/l	
77) Bromobenzene	12.611	156	17663	4.997	ug/l	96
78) n-propylbenzene	12.672	91	84562	4.948	ug/l	99
79) 2-Chlorotoluene	12.758	91	48000	5.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	59137	4.953	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	5412	5.108	ug/l	98
82) 4-Chlorotoluene	12.855	91	49844	5.020	ug/l	98
83) tert-Butylbenzene	13.081	119	53376	4.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	57382	4.870	ug/l	99
85) sec-Butylbenzene	13.257	105	76790	4.969	ug/l	99
86) p-Isopropyltoluene	13.373	119	65165	4.911	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	34859	5.054	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	35500	5.188	ug/l	94
89) n-Butylbenzene	13.702	91	59412	4.943	ug/l	100
90) Hexachloroethane	13.965	117	11988	5.025	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	31762	5.213	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2660	5.070	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	20879	4.989	ug/l	99
94) Hexachlorobutadiene	15.117	225	14084	5.197	ug/l	99
95) Naphthalene	15.239	128	40834	4.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	18474	4.983	ug/l	97

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

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ClientSampled :
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