

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005143.D
 Acq On : 15 Jun 2021 11:49
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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 6/16/2021 12:55:31 PM

Quant Time: Jun 16 04:15:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:12:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	196813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	279167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	90301	47.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.900%		
35) Dibromofluoromethane	7.728	113	71606	46.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.960%		
50) Toluene-d8	10.185	98	303691	46.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.940%		
62) 4-Bromofluorobenzene	12.483	95	104049	47.846	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	100780	46.348	ug/l	100
3) Chloromethane	2.119	50	107423	47.911	ug/l	100
4) Vinyl Chloride	2.259	62	103611	48.135	ug/l	100
5) Bromomethane	2.656	94	59547	48.473	ug/l	100
6) Chloroethane	2.802	64	61422	50.201	ug/l	100
7) Trichlorofluoromethane	3.131	101	178305	49.558	ug/l	100
8) Diethyl Ether	3.540	74	57801	49.411	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.911	101	94538	48.534	ug/l	100
10) Methyl Iodide	4.100	142	108597	49.604	ug/l	100
11) Tert butyl alcohol	4.978	59	48055	250.802	ug/l	100
12) 1,1-Dichloroethene	3.881	96	95561	50.076	ug/l	100
13) Acrolein	3.741	56	44403	239.647	ug/l	100
14) Allyl chloride	4.491	41	133253	50.107	ug/l	100
15) Acrylonitrile	5.179	53	135188	257.526	ug/l	100
16) Acetone	3.966	43	96721	249.888	ug/l	100
17) Carbon Disulfide	4.204	76	277864	48.875	ug/l	100
18) Methyl Acetate	4.484	43	57598	50.701	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	268405	51.445	ug/l	100
20) Methylene Chloride	4.734	84	109118	41.251	ug/l	100
21) trans-1,2-Dichloroethene	5.234	96	102120	49.649	ug/l	100
22) Diisopropyl ether	6.137	45	273147	50.750	ug/l	100
23) Vinyl Acetate	6.076	43	923507	260.119	ug/l	100
24) 1,1-Dichloroethane	6.033	63	167874	49.556	ug/l	100
25) 2-Butanone	7.002	43	154921	263.104	ug/l	100
26) 2,2-Dichloropropane	6.990	77	161385	49.821	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	110377	49.476	ug/l	100
28) Bromochloromethane	7.344	49	60746	47.786	ug/l	100
29) Tetrahydrofuran	7.362	42	106280	265.741	ug/l	100
30) Chloroform	7.514	83	180366	49.884	ug/l	100
31) Cyclohexane	7.789	56	152369	47.072	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	174116	49.954	ug/l	100
36) 1,1-Dichloropropene	7.923	75	137521	49.479	ug/l	100
37) Ethyl Acetate	7.088	43	73485	51.884	ug/l	100
38) Carbon Tetrachloride	7.911	117	152361	51.632	ug/l	100
39) Methylcyclohexane	9.191	83	176015	51.092	ug/l	100
40) Benzene	8.167	78	392337	49.558	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	44105m	54.823	ug/l	
42) 1,2-Dichloroethane	8.246	62	125729	50.940	ug/l	100
43) Isopropyl Acetate	8.283	43	135503	52.211	ug/l	100
44) Trichloroethene	8.947	130	116337	50.056	ug/l	100
45) 1,2-Dichloropropane	9.221	63	90411	49.895	ug/l	100
46) Dibromomethane	9.313	93	58278	51.591	ug/l	100
47) Bromodichloromethane	9.502	83	137964	50.713	ug/l	100
48) Methyl methacrylate	9.301	41	59686	51.365	ug/l	100
49) 1,4-Dioxane	9.307	88	15866	1087.545	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	353852	266.622	ug/l	100
52) Toluene	10.246	92	253798	50.378	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	148988	51.200	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	162618	50.486	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	80258	51.149	ug/l	100
56) Ethyl methacrylate	10.514	69	113307	53.449	ug/l	100
57) 1,3-Dichloropropane	10.794	76	136805	51.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	232078	249.153	ug/l	100
59) 2-Hexanone	10.837	43	249844	272.214	ug/l	100
60) Dibromochloromethane	10.989	129	100362	51.485	ug/l	100
61) 1,2-Dibromoethane	11.093	107	77673	50.698	ug/l	100
64) Tetrachloroethene	10.721	164	127369	51.134	ug/l	100
65) Chlorobenzene	11.520	112	276268	50.159	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	102534	50.203	ug/l	100
67) Ethyl Benzene	11.593	91	492292	50.549	ug/l	100
68) m/p-Xylenes	11.703	106	385979	100.817	ug/l	100
69) o-Xylene	12.032	106	184794	51.322	ug/l	100
70) Styrene	12.044	104	311398	51.108	ug/l	100
71) Bromoform	12.209	173	65417	52.284	ug/l #	100
73) Isopropylbenzene	12.331	105	495891	50.747	ug/l	100
74) N-amyl acetate	12.148	43	120636	53.083	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	85572	50.426	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	65616m	60.775	ug/l	
77) Bromobenzene	12.611	156	117520	50.549	ug/l	100
78) n-propylbenzene	12.672	91	589109	50.436	ug/l	100
79) 2-Chlorotoluene	12.757	91	326480	49.995	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	424977	50.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	34062	50.790	ug/l	100
82) 4-Chlorotoluene	12.855	91	336202	49.800	ug/l	100
83) tert-Butylbenzene	13.074	119	371360	50.847	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	423325	51.345	ug/l	100
85) sec-Butylbenzene	13.257	105	532746	50.640	ug/l	100
86) p-Isopropyltoluene	13.373	119	463720	51.371	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	227239	50.066	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	225878	49.778	ug/l	100
89) n-Butylbenzene	13.696	91	418405	50.925	ug/l	100
90) Hexachloroethane	13.964	117	72023	48.952	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	204913	50.199	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17314	51.215	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	135337	51.661	ug/l	100
94) Hexachlorobutadiene	15.117	225	77549	51.226	ug/l	100
95) Naphthalene	15.239	128	294979	53.487	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	120167	51.209	ug/l	100

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

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