

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032921\
 Data File : VY004220.D
 Acq On : 29 Mar 2021 19:25
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY032921

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:22:58 PM

Quant Time: Mar 30 06:39:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	196702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91780	48.54	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.08%		
35) Dibromofluoromethane	7.728	113	83420	48.98	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.96%		
50) Toluene-d8	10.185	98	303600	47.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.78%		
62) 4-Bromofluorobenzene	12.483	95	105408	48.01	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.02%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82740	48.57	ug/l	99
3) Chloromethane	2.119	50	112160	48.78	ug/l	99
4) Vinyl Chloride	2.253	62	126276	49.27	ug/l	98
5) Bromomethane	2.656	94	71599	50.79	ug/l	97
6) Chloroethane	2.802	64	80371	48.38	ug/l	99
7) Trichlorofluoromethane	3.131	101	163545	49.11	ug/l	98
8) Diethyl Ether	3.540	74	54327	50.83	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	87295	48.14	ug/l	99
10) Methyl Iodide	4.101	142	106733	50.93	ug/l	100
11) Tert butyl alcohol	4.985	59	42511	276.28	ug/l	98
12) 1,1-Dichloroethene	3.881	96	85678	48.16	ug/l	98
13) Acrolein	3.741	56	30727	247.92	ug/l	96
14) Allyl chloride	4.491	41	140691	49.63	ug/l	99
15) Acrylonitrile	5.180	53	134889	265.18	ug/l	100
16) Acetone	3.960	43	100804	255.88	ug/l	99
17) Carbon Disulfide	4.204	76	240859	51.48	ug/l	100
18) Methyl Acetate	4.485	43	64130	50.86	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	268067	51.00	ug/l	100
20) Methylene Chloride	4.729	84	98924	51.31	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	100177	50.15	ug/l	98
22) Diisopropyl ether	6.131	45	308571	49.56	ug/l	99
23) Vinyl Acetate	6.076	43	1067214	254.82	ug/l	100
24) 1,1-Dichloroethane	6.033	63	168148	49.57	ug/l	99
25) 2-Butanone	6.996	43	173044	262.94	ug/l	99
26) 2,2-Dichloropropane	6.990	77	150927	47.54	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	110884	49.03	ug/l	99
28) Bromochloromethane	7.344	49	68012	49.32	ug/l	98
29) Tetrahydrofuran	7.356	42	121524	262.09	ug/l	99
30) Chloroform	7.515	83	178531	49.46	ug/l	100
31) Cyclohexane	7.795	56	154011	46.09	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	163694	49.57	ug/l	99
36) 1,1-Dichloropropene	7.929	75	136885	49.06	ug/l	99
37) Ethyl Acetate	7.088	43	83379	50.94	ug/l	99
38) Carbon Tetrachloride	7.905	117	128575	52.99	ug/l	98
39) Methylcyclohexane	9.185	83	169662	49.11	ug/l	98
40) Benzene	8.167	78	392369	49.61	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	42818m	47.21	ug/l	
42) 1,2-Dichloroethane	8.246	62	125531	50.50	ug/l	99
43) Isopropyl Acetate	8.283	43	160144	51.67	ug/l	99
44) Trichloroethene	8.947	130	121212	48.13	ug/l	100
45) 1,2-Dichloropropane	9.222	63	97178	49.71	ug/l	96
46) Dibromomethane	9.313	93	57995	50.46	ug/l	98
47) Bromodichloromethane	9.502	83	137267	50.06	ug/l	99
48) Methyl methacrylate	9.301	41	74428	52.87	ug/l	98
49) 1,4-Dioxane	9.307	88	12833	1043.83	ug/l	87
51) 4-Methyl-2-Pentanone	10.075	43	417810	264.59	ug/l	100
52) Toluene	10.246	92	250386	49.24	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	148566	50.81	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	164187	50.25	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	79037	50.20	ug/l	97
56) Ethyl methacrylate	10.514	69	113285	52.44	ug/l	99
57) 1,3-Dichloropropane	10.794	76	136432	50.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	195550	211.56	ug/l	100
59) 2-Hexanone	10.837	43	289232	266.43	ug/l	100
60) Dibromochloromethane	10.990	129	98583	52.22	ug/l	100
61) 1,2-Dibromoethane	11.093	107	79538	51.18	ug/l	99
64) Tetrachloroethene	10.721	164	126347	47.08	ug/l	99
65) Chlorobenzene	11.520	112	264300	48.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	97237	49.91	ug/l	99
67) Ethyl Benzene	11.593	91	486477	49.26	ug/l	99
68) m/p-Xylenes	11.703	106	371121	97.86	ug/l	100
69) o-Xylene	12.032	106	174153	49.08	ug/l	100
70) Styrene	12.044	104	291826	49.43	ug/l	100
71) Bromoform	12.215	173	57932	52.22	ug/l #	98
73) Isopropylbenzene	12.331	105	466030	48.84	ug/l	100
74) N-amyl acetate	12.148	43	143473	51.45	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	88687	50.22	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	63313m	53.39	ug/l	
77) Bromobenzene	12.611	156	110453	49.44	ug/l	99
78) n-propylbenzene	12.672	91	543044	49.19	ug/l	100
79) 2-Chlorotoluene	12.758	91	298519	49.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	382338	49.12	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	33236	51.65	ug/l	98
82) 4-Chlorotoluene	12.855	91	310877	48.70	ug/l	100
83) tert-Butylbenzene	13.075	119	337841	50.23	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	383336	49.10	ug/l	99
85) sec-Butylbenzene	13.257	105	451969	48.82	ug/l	100
86) p-Isopropyltoluene	13.373	119	419412	48.69	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	203749	48.89	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	203511	49.43	ug/l	100
89) n-Butylbenzene	13.696	91	387755	48.96	ug/l	99
90) Hexachloroethane	13.965	117	35263	46.69	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	181145	48.42	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	16294	49.45	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	131842	49.59	ug/l	98
94) Hexachlorobutadiene	15.111	225	68576	48.50	ug/l	99
95) Naphthalene	15.239	128	297239	52.70	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	120472	49.59	ug/l	98

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

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