

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030821\
 Data File : VY004066.D
 Acq On : 08 Mar 2021 12:59
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY030821

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:03:12 PM

Quant Time: Mar 09 03:25:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	279439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	443408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	399249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	146921	53.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.56%			
35) Dibromofluoromethane	7.734	113	134832	53.92	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.84%			
50) Toluene-d8	10.184	98	514080	52.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.88%			
62) 4-Bromofluorobenzene	12.483	95	190291	52.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	95896	49.72	ug/l	95
3) Chloromethane	2.119	50	140339	52.55	ug/l	99
4) Vinyl Chloride	2.259	62	154764	45.83	ug/l	99
5) Bromomethane	2.661	94	98679	45.74	ug/l	95
6) Chloroethane	2.808	64	97805	47.56	ug/l	100
7) Trichlorofluoromethane	3.137	101	215979	48.12	ug/l	99
8) Diethyl Ether	3.545	74	72311	50.26	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.917	101	122430	48.77	ug/l	98
10) Methyl Iodide	4.106	142	131942	51.43	ug/l	99
11) Tert butyl alcohol	4.978	59	64436	258.44	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	117331	47.76	ug/l	96
13) Acrolein	3.747	56	71257	288.11	ug/l	100
14) Allyl chloride	4.496	41	197437	48.58	ug/l	92
15) Acrylonitrile	5.185	53	185329	259.19	ug/l	100
16) Acetone	3.960	43	158014	237.39	ug/l	92
17) Carbon Disulfide	4.210	76	339828	47.04	ug/l	99
18) Methyl Acetate	4.490	43	84770	51.55	ug/l	94
19) Methyl tert-butyl Ether	5.240	73	359119	51.34	ug/l	100
20) Methylene Chloride	4.734	84	133044	49.66	ug/l	96
21) trans-1,2-Dichloroethene	5.240	96	135965	49.26	ug/l	99
22) Diisopropyl ether	6.136	45	425561	49.62	ug/l	96
23) Vinyl Acetate	6.082	43	1445747	256.04	ug/l	98
24) 1,1-Dichloroethane	6.039	63	236155	49.59	ug/l	99
25) 2-Butanone	7.002	43	247267	257.69	ug/l	94
26) 2,2-Dichloropropane	6.996	77	219494	48.25	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	154945	49.31	ug/l	96
28) Bromochloromethane	7.350	49	106207	51.07	ug/l	96
29) Tetrahydrofuran	7.362	42	162067	260.00	ug/l	95
30) Chloroform	7.520	83	245851	49.82	ug/l	100
31) Cyclohexane	7.795	56	218715	45.21	ug/l	92
32) 1,1,1-Trichloroethane	7.715	97	226796	49.54	ug/l	100
36) 1,1-Dichloropropene	7.929	75	189997	48.77	ug/l	98
37) Ethyl Acetate	7.087	43	110205	52.51	ug/l	98
38) Carbon Tetrachloride	7.910	117	206390	49.94	ug/l	96
39) Methylcyclohexane	9.191	83	244397	48.57	ug/l	93
40) Benzene	8.173	78	540656	49.27	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	63842m	49.10	ug/l	
42) 1,2-Dichloroethane	8.246	62	170078	50.71	ug/l	97
43) Isopropyl Acetate	8.282	43	220572	52.38	ug/l	98
44) Trichloroethene	8.947	130	157398	49.53	ug/l	98
45) 1,2-Dichloropropane	9.227	63	136678	49.89	ug/l	99
46) Dibromomethane	9.313	93	79360	50.66	ug/l	96
47) Bromodichloromethane	9.502	83	198282	50.71	ug/l	100
48) Methyl methacrylate	9.300	41	103412	51.69	ug/l	92
49) 1,4-Dioxane	9.307	88	20153	1010.68	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	566050	265.45	ug/l	97
52) Toluene	10.252	92	353582	49.75	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	209497	50.78	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	233939	50.61	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	113591	51.57	ug/l	99
56) Ethyl methacrylate	10.514	69	162224	52.68	ug/l	95
57) 1,3-Dichloropropane	10.794	76	193326	51.25	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	317946	264.95	ug/l	96
59) 2-Hexanone	10.837	43	401223	267.81	ug/l	99
60) Dibromochloromethane	10.989	129	143674	51.95	ug/l	99
61) 1,2-Dibromoethane	11.093	107	110718	51.62	ug/l	98
64) Tetrachloroethene	10.727	164	162883	48.73	ug/l	97
65) Chlorobenzene	11.520	112	383381	50.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	145351	50.79	ug/l	99
67) Ethyl Benzene	11.593	91	697701	49.67	ug/l	99
68) m/p-Xylenes	11.709	106	531099	99.14	ug/l	97
69) o-Xylene	12.032	106	252927	49.94	ug/l	97
70) Styrene	12.050	104	433774	50.02	ug/l	99
71) Bromoform	12.209	173	90054	52.59	ug/l #	99
73) Isopropylbenzene	12.330	105	692736	50.03	ug/l	100
74) N-amyl acetate	12.148	43	208289	52.53	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.586	83	129430	53.81	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	95898m	50.21	ug/l	
77) Bromobenzene	12.611	156	162053	50.66	ug/l	98
78) n-propylbenzene	12.672	91	815925	50.02	ug/l	98
79) 2-Chlorotoluene	12.757	91	458796	50.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	586363	49.94	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	49482	51.13	ug/l	96
82) 4-Chlorotoluene	12.855	91	485169	50.06	ug/l	99
83) tert-Butylbenzene	13.074	119	510125	50.49	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	594096	50.52	ug/l	99
85) sec-Butylbenzene	13.257	105	704214	50.55	ug/l	99
86) p-Isopropyltoluene	13.373	119	649866	50.31	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	312907	50.68	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	311558	50.56	ug/l	99
89) n-Butylbenzene	13.696	91	616621	50.17	ug/l	99
90) Hexachloroethane	13.964	117	119623	51.54	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	278991	50.95	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24013	52.84	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	193053	51.98	ug/l	97
94) Hexachlorobutadiene	15.117	225	106812	51.30	ug/l	99
95) Naphthalene	15.238	128	395212	53.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	163754	52.44	ug/l	99

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

