

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003381.D
 Acq On : 31 Jul 2020 11:21
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:23 PM

Quant Time: Jul 31 12:36:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	498759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	737762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	673636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	357418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	42770	9.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.50%	
35) Dibromofluoromethane	7.72	113	38865	8.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.90%	
50) Toluene-d8	10.18	98	150893	9.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.44%	
62) 4-Bromofluorobenzene	12.48	95	51338	8.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	44193	11.859	ug/l	97
3) Chloromethane	2.12	50	62528	12.250	ug/l	96
4) Vinyl Chloride	2.26	62	59719	11.399	ug/l	100
5) Bromomethane	2.65	94	43958	11.322	ug/l	99
6) Chloroethane	2.79	64	37600	11.010	ug/l	100
7) Trichlorofluoromethane	3.13	101	78627	10.594	ug/l	95
8) Diethyl Ether	3.53	74	26285	10.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48324	10.805	ug/l	96
10) Methyl Iodide	4.10	142	49920	10.158	ug/l	98
11) Tert butyl alcohol	4.96	59	24956	54.011	ug/l	99
12) 1,1-Dichloroethene	3.88	96	45192	10.616	ug/l	91
13) Acrolein	3.74	56	24086	57.942	ug/l	95
14) Allyl chloride	4.49	41	75470	11.752	ug/l	99
15) Acrylonitrile	5.18	53	64027	53.281	ug/l	98
16) Acetone	3.96	43	54390	55.072	ug/l	99
17) Carbon Disulfide	4.20	76	149520	11.352	ug/l	98
18) Methyl Acetate	4.49	43	27908	10.360	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	118428	10.011	ug/l	98
20) Methylene Chloride	4.72	84	98287	16.863	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	51385	10.746	ug/l	97
22) Diisopropyl ether	6.13	45	154986	10.998	ug/l	94
23) Vinyl Acetate	6.07	43	496402	52.964	ug/l	100
24) 1,1-Dichloroethane	6.02	63	89608	11.026	ug/l	99
25) 2-Butanone	6.99	43	84958	53.199	ug/l	95
26) 2,2-Dichloropropane	6.99	77	78759	10.768	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	54406	10.320	ug/l	99
28) Bromochloromethane	7.34	49	34620	10.136	ug/l	97
29) Tetrahydrofuran	7.35	42	54414	51.069	ug/l	99
30) Chloroform	7.52	83	86642	10.397	ug/l	96
31) Cyclohexane	7.79	56	88236	11.241	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	79127	10.516	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71342	10.468	ug/l	98
37) Ethyl Acetate	7.08	43	37447	10.171	ug/l	97
38) Carbon Tetrachloride	7.91	117	71599	10.203	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	85196	9.990	ug/l	97
40) Benzene	8.16	78	195399	10.407	ug/l	100
41) Methacrylonitrile	7.33	41	23551m	10.567	ug/l	
42) 1,2-Dichloroethane	8.24	62	59588	10.342	ug/l	99
43) Isopropyl Acetate	8.28	43	71449	10.061	ug/l	99
44) Trichloroethene	8.94	130	56280	9.873	ug/l	97
45) 1,2-Dichloropropane	9.22	63	50840	10.443	ug/l	95
46) Dibromomethane	9.31	93	28339	10.091	ug/l	98
47) Bromodichloromethane	9.50	83	68131	10.126	ug/l	99
48) Methyl methacrylate	9.29	41	31827	10.008	ug/l	96
49) 1,4-Dioxane	9.29	88	6795	190.160	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	186898	50.601	ug/l	100
52) Toluene	10.24	92	120796	10.086	ug/l	96
53) t-1,3-Dichloropropene	10.46	75	71769	10.285	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	81526	10.135	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	39713	9.922	ug/l	98
56) Ethyl methacrylate	10.51	69	53466	9.862	ug/l	99
57) 1,3-Dichloropropane	10.79	76	69520	10.243	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	123852	45.942	ug/l	99
59) 2-Hexanone	10.83	43	128116	49.663	ug/l	98
60) Dibromochloromethane	10.99	129	48861	9.730	ug/l	98
61) 1,2-Dibromoethane	11.09	107	37356	9.522	ug/l	98
64) Tetrachloroethene	10.72	164	57465	9.547	ug/l	98
65) Chlorobenzene	11.52	112	134271	10.187	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	51227	9.999	ug/l	100
67) Ethyl Benzene	11.59	91	239500	10.149	ug/l	98
68) m/p-Xylenes	11.70	106	179861	20.110	ug/l	100
69) o-Xylene	12.03	106	84257	10.071	ug/l	99
70) Styrene	12.04	104	141000	9.854	ug/l	98
71) Bromoform	12.20	173	32713	9.794	ug/l	# 99
73) Isopropylbenzene	12.33	105	233533	10.088	ug/l	99
74) N-amyl acetate	12.14	43	65440	10.048	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	45464	10.167	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	30607m	9.583	ug/l	
77) Bromobenzene	12.61	156	58956	10.004	ug/l	99
78) n-propylbenzene	12.67	91	279887	10.226	ug/l	100
79) 2-Chlorotoluene	12.75	91	156907	10.299	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	195830	10.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16634	10.094	ug/l	96
82) 4-Chlorotoluene	12.85	91	162544	10.223	ug/l	99
83) tert-Butylbenzene	13.07	119	168287	9.912	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	197921	10.177	ug/l	98
85) sec-Butylbenzene	13.25	105	238084	10.157	ug/l	98
86) p-Isopropyltoluene	13.37	119	221721	10.131	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	112813	10.101	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	111495	10.079	ug/l	95
89) n-Butylbenzene	13.69	91	212470	10.319	ug/l	99
90) Hexachloroethane	13.96	117	42511	10.599	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	99862	10.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6779	9.369	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	70340	10.068	ug/l	98
94) Hexachlorobutadiene	15.11	225	47820	10.031	ug/l	100
95) Naphthalene	15.23	128	111736	9.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	55865	10.037	ug/l	99

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

