

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001487.D
 Acq On : 04 Feb 2020 15:19
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY020420

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:23:52 PM

Quant Time: Feb 04 15:55:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	404224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	358343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	165577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	132905	56.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.38%	
35) Dibromofluoromethane	7.74	113	127320	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.19	98	505814	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
62) 4-Bromofluorobenzene	12.49	95	188507	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	119537	52.443	ug/l	95
3) Chloromethane	2.13	50	119803	50.289	ug/l	96
4) Vinyl Chloride	2.26	62	127650	51.604	ug/l	100
5) Bromomethane	2.66	94	81264	52.237	ug/l	98
6) Chloroethane	2.81	64	75036	50.324	ug/l	99
7) Trichlorofluoromethane	3.15	101	204875	50.036	ug/l	100
8) Diethyl Ether	3.55	74	69838	50.544	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	123746	50.229	ug/l	100
10) Methyl Iodide	4.11	142	159266	50.736	ug/l	100
11) Tert butyl alcohol	4.98	59	63651	240.086	ug/l	98
12) 1,1-Dichloroethene	3.90	96	122863	50.186	ug/l	97
13) Acrolein	3.75	56	59056	266.021	ug/l	100
14) Allyl chloride	4.50	41	189404	50.574	ug/l	99
15) Acrylonitrile	5.19	53	166924	263.525	ug/l	100
16) Acetone	3.97	43	178443	263.123	ug/l	99
17) Carbon Disulfide	4.22	76	397746	51.035	ug/l	99
18) Methyl Acetate	4.50	43	73771	50.975	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	334713	51.411	ug/l	99
20) Methylene Chloride	4.74	84	134549	50.739	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	136901	50.302	ug/l	98
22) Diisopropyl ether	6.14	45	377602	50.891	ug/l	99
23) Vinyl Acetate	6.08	43	1249830	264.603	ug/l	100
24) 1,1-Dichloroethane	6.04	63	222414	49.835	ug/l	99
25) 2-Butanone	7.01	43	233960	265.917	ug/l	98
26) 2,2-Dichloropropane	7.00	77	212111	49.659	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	148175	49.847	ug/l	99
28) Bromochloromethane	7.35	49	88840	58.433	ug/l	98
29) Tetrahydrofuran	7.36	42	140736	266.879	ug/l	99
30) Chloroform	7.52	83	224214	49.597	ug/l	100
31) Cyclohexane	7.80	56	221262	48.466	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	208911	50.970	ug/l	99
36) 1,1-Dichloropropene	7.93	75	187731	50.767	ug/l	99
37) Ethyl Acetate	7.10	43	97566	54.502	ug/l	98
38) Carbon Tetrachloride	7.91	117	184379	51.535	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	249699	51.283	ug/l	99
40) Benzene	8.17	78	527988	50.058	ug/l	98
41) Methacrylonitrile	7.33	41	42519m	51.248	ug/l	
42) 1,2-Dichloroethane	8.25	62	150383	51.176	ug/l	99
43) Isopropyl Acetate	8.28	43	188380	53.149	ug/l	99
44) Trichloroethene	8.95	130	143649	50.526	ug/l	96
45) 1,2-Dichloropropane	9.22	63	127431	50.032	ug/l	100
46) Dibromomethane	9.31	93	74142	51.841	ug/l	99
47) Bromodichloromethane	9.50	83	179065	51.386	ug/l	99
48) Methyl methacrylate	9.30	41	85298	53.024	ug/l	99
49) 1,4-Dioxane	9.30	88	18648	987.301	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	472435	270.659	ug/l	98
52) Toluene	10.25	92	337182	50.382	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	195268	51.448	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	221890	50.923	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	105298	51.316	ug/l	99
56) Ethyl methacrylate	10.52	69	155717	53.354	ug/l	98
57) 1,3-Dichloropropane	10.80	76	181868	50.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	287470	267.744	ug/l	99
59) 2-Hexanone	10.83	43	352146	277.470	ug/l	99
60) Dibromochloromethane	10.99	129	126620	52.349	ug/l	99
61) 1,2-Dibromoethane	11.10	107	105186	52.044	ug/l	98
64) Tetrachloroethene	10.72	164	113398	48.253	ug/l	97
65) Chlorobenzene	11.52	112	352397	50.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	123943	50.331	ug/l	100
67) Ethyl Benzene	11.60	91	649782	49.947	ug/l	99
68) m/p-Xylenes	11.70	106	486007	99.514	ug/l	100
69) o-Xylene	12.03	106	229377	49.813	ug/l	98
70) Styrene	12.05	104	399644	50.188	ug/l	99
71) Bromoform	12.21	173	73887	53.884	ug/l #	100
73) Isopropylbenzene	12.33	105	627592	49.697	ug/l	100
74) N-amyl acetate	12.14	43	176652	53.833	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	127235	53.031	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	87929m	49.381	ug/l	
77) Bromobenzene	12.61	156	137164	50.190	ug/l	97
78) n-propylbenzene	12.67	91	754955	49.937	ug/l	100
79) 2-Chlorotoluene	12.76	91	428462	49.720	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	531676	49.992	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49376	53.656	ug/l #	80
82) 4-Chlorotoluene	12.86	91	447894	49.572	ug/l	100
83) tert-Butylbenzene	13.08	119	460436	51.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	523320	49.717	ug/l	100
85) sec-Butylbenzene	13.26	105	632206	50.020	ug/l	100
86) p-Isopropyltoluene	13.38	119	554529	49.787	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	257136	49.096	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	262708	50.068	ug/l	99
89) n-Butylbenzene	13.70	91	552359	50.262	ug/l	100
90) Hexachloroethane	13.97	117	107238	50.164	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	239389	50.437	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22700	51.250	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	162999	50.961	ug/l	100
94) Hexachlorobutadiene	15.12	225	81883	50.442	ug/l	97
95) Naphthalene	15.24	128	389319	51.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	145691	51.602	ug/l	99

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

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