

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030420\
 Data File : VY001848.D
 Acq On : 04 Mar 2020 12:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY030420

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 1:37:16 PM

Quant Time: Mar 05 04:26:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	194489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	353162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	314733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	143066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	102462	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	7.74	113	97267	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.19	98	409238	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.49	95	139750	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	85853	47.822	ug/l	96
3) Chloromethane	2.13	50	120155	49.642	ug/l	100
4) Vinyl Chloride	2.27	62	120814	49.071	ug/l	96
5) Bromomethane	2.67	94	77670	54.545	ug/l	98
6) Chloroethane	2.81	64	74577	48.221	ug/l	95
7) Trichlorofluoromethane	3.15	101	163837	49.068	ug/l	99
8) Diethyl Ether	3.55	74	66921	50.853	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.93	101	106552	49.615	ug/l	99
10) Methyl Iodide	4.12	142	127060	51.161	ug/l	99
11) Tert butyl alcohol	4.99	59	54698	253.462	ug/l	100
12) 1,1-Dichloroethene	3.90	96	110997	51.331	ug/l	98
13) Acrolein	3.76	56	73321	251.298	ug/l	97
14) Allyl chloride	4.51	41	192126	50.118	ug/l	98
15) Acrylonitrile	5.20	53	179177	254.797	ug/l	100
16) Acetone	3.97	43	165733	274.055	ug/l	95
17) Carbon Disulfide	4.22	76	368996	50.762	ug/l	99
18) Methyl Acetate	4.50	43	75903	48.849	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	298394	50.922	ug/l	99
20) Methylene Chloride	4.75	84	123756	47.749	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	123611	50.364	ug/l	97
22) Diisopropyl ether	6.14	45	382250	48.645	ug/l	99
23) Vinyl Acetate	6.09	43	1286709	249.779	ug/l	98
24) 1,1-Dichloroethane	6.05	63	210430	49.451	ug/l	98
25) 2-Butanone	7.02	43	241809	262.936	ug/l	98
26) 2,2-Dichloropropane	7.01	77	175956	50.379	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	135652	50.810	ug/l	98
28) Bromochloromethane	7.36	49	91526	47.718	ug/l	97
29) Tetrahydrofuran	7.37	42	150189	245.927	ug/l	97
30) Chloroform	7.53	83	196443	49.136	ug/l	99
31) Cyclohexane	7.81	56	216669	47.488	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	171024	50.754	ug/l	98
36) 1,1-Dichloropropene	7.94	75	167909	49.407	ug/l	99
37) Ethyl Acetate	7.10	43	98146	49.689	ug/l	99
38) Carbon Tetrachloride	7.93	117	145334	50.060	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	223184	49.514	ug/l	98
40) Benzene	8.18	78	497577	49.396	ug/l	99
41) Methacrylonitrile	7.33	41	40905m	46.017	ug/l	
42) 1,2-Dichloroethane	8.26	62	127626	49.169	ug/l	99
43) Isopropyl Acetate	8.29	43	186243	49.803	ug/l	100
44) Trichloroethene	8.96	130	119590	48.748	ug/l	99
45) 1,2-Dichloropropane	9.24	63	125538	49.577	ug/l	100
46) Dibromomethane	9.32	93	65821	50.441	ug/l	98
47) Bromodichloromethane	9.51	83	153024	50.412	ug/l	99
48) Methyl methacrylate	9.31	41	86444	52.094	ug/l	97
49) 1,4-Dioxane	9.32	88	18163	1015.801	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	487551	253.119	ug/l	98
52) Toluene	10.25	92	302347	49.409	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	170240	51.477	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	199270	50.615	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	97046	50.817	ug/l	97
56) Ethyl methacrylate	10.52	69	146509	52.340	ug/l	99
57) 1,3-Dichloropropane	10.80	76	168460	49.487	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	237551	241.694	ug/l	99
59) 2-Hexanone	10.85	43	359007	261.131	ug/l	98
60) Dibromochloromethane	11.00	129	102132	50.753	ug/l	99
61) 1,2-Dibromoethane	11.10	107	91309	50.476	ug/l	99
64) Tetrachloroethene	10.73	164	95287	48.277	ug/l	97
65) Chlorobenzene	11.53	112	310946	49.583	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	103414	50.286	ug/l	100
67) Ethyl Benzene	11.60	91	579953	49.587	ug/l	98
68) m/p-Xylenes	11.71	106	430750	99.618	ug/l	100
69) o-Xylene	12.04	106	203853	50.019	ug/l	99
70) Styrene	12.05	104	353329	50.619	ug/l	99
71) Bromoform	12.22	173	59301	53.171	ug/l #	98
73) Isopropylbenzene	12.34	105	547893	50.167	ug/l	100
74) N-amyl acetate	12.15	43	172231	51.312	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.60	83	121400	51.547	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	80145m	47.211	ug/l	
77) Bromobenzene	12.62	156	116684	50.428	ug/l	99
78) n-propylbenzene	12.68	91	675986	50.171	ug/l	100
79) 2-Chlorotoluene	12.77	91	371760	49.941	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	450272	50.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	45042	53.596	ug/l	97
82) 4-Chlorotoluene	12.86	91	388864	50.172	ug/l	100
83) tert-Butylbenzene	13.08	119	390193	52.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	448415	50.256	ug/l	100
85) sec-Butylbenzene	13.27	105	561072	50.973	ug/l	100
86) p-Isopropyltoluene	13.38	119	486134	51.198	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	224095	49.423	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	228439	49.661	ug/l	99
89) n-Butylbenzene	13.70	91	495246	50.273	ug/l	99
90) Hexachloroethane	13.97	117	92630	51.712	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	206139	50.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18702	50.889	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	133843	50.102	ug/l	98
94) Hexachlorobutadiene	15.13	225	64337	49.398	ug/l	99
95) Naphthalene	15.25	128	330574	52.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	117976	50.131	ug/l	99

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

