

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001904.D
 Acq On : 09 Mar 2020 11:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/10/2020 2:56:52 PM

Quant Time: Mar 10 11:58:51 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	7.80	168	182934	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	330165	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	290383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	131308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93833	48.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.74	113	91750	50.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.19	98	383569	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.49	95	130987	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	80606	47.735	ug/l	98
3) Chloromethane	2.12	50	113506	49.857	ug/l	98
4) Vinyl Chloride	2.26	62	119172	51.462	ug/l	99
5) Bromomethane	2.66	94	75550	56.634	ug/l	97
6) Chloroethane	2.80	64	73080	50.238	ug/l	97
7) Trichlorofluoromethane	3.14	101	158491	50.465	ug/l	94
8) Diethyl Ether	3.54	74	61145	49.398	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	106434	52.691	ug/l	100
10) Methyl Iodide	4.10	142	128665	55.079	ug/l	99
11) Tert butyl alcohol	4.98	59	45145	219.368	ug/l	99
12) 1,1-Dichloroethene	3.88	96	106944	52.581	ug/l	99
13) Acrolein	3.74	56	66653	242.874	ug/l	95
14) Allyl chloride	4.49	41	183251	50.822	ug/l	99
15) Acrylonitrile	5.18	53	154905	234.196	ug/l	100
16) Acetone	3.96	43	165568	291.076	ug/l	96
17) Carbon Disulfide	4.21	76	352883	51.612	ug/l	100
18) Methyl Acetate	4.49	43	65908	45.095	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	272843	49.502	ug/l	98
20) Methylene Chloride	4.73	84	119083	48.848	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	120577	52.231	ug/l	99
22) Diisopropyl ether	6.14	45	367039	49.660	ug/l	91
23) Vinyl Acetate	6.08	43	1175505	242.605	ug/l	98
24) 1,1-Dichloroethane	6.04	63	206070	51.485	ug/l	99
25) 2-Butanone	7.00	43	218709	252.840	ug/l	98
26) 2,2-Dichloropropane	7.00	77	173204	52.724	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	129900	51.729	ug/l	99
28) Bromochloromethane	7.35	49	85176	47.213	ug/l	97
29) Tetrahydrofuran	7.36	42	128159	223.109	ug/l	98
30) Chloroform	7.52	83	191771	50.997	ug/l	100
31) Cyclohexane	7.80	56	212283	49.466	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	164873	52.019	ug/l	100
36) 1,1-Dichloropropene	7.93	75	167658	52.769	ug/l	100
37) Ethyl Acetate	7.09	43	85657	46.387	ug/l	99
38) Carbon Tetrachloride	7.91	117	143735	52.958	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	222529	52.807	ug/l	99
40) Benzene	8.17	78	487298	51.746	ug/l	99
41) Methacrylonitrile	7.33	41	42428m	51.054	ug/l	
42) 1,2-Dichloroethane	8.25	62	120741	49.756	ug/l	99
43) Isopropyl Acetate	8.28	43	163753	46.839	ug/l	98
44) Trichloroethene	8.95	130	119160	51.956	ug/l	99
45) 1,2-Dichloropropane	9.22	63	122313	51.667	ug/l	97
46) Dibromomethane	9.31	93	60268	49.402	ug/l	99
47) Bromodichloromethane	9.50	83	147866	52.105	ug/l	100
48) Methyl methacrylate	9.30	41	75343	48.567	ug/l	96
49) 1,4-Dioxane	9.31	88	15065	901.225	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	424800	235.902	ug/l	98
52) Toluene	10.25	92	301111	52.635	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	161028	52.083	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	189755	51.556	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	88915	49.802	ug/l	98
56) Ethyl methacrylate	10.52	69	130624	49.916	ug/l	99
57) 1,3-Dichloropropane	10.80	76	158444	49.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	196747	209.914	ug/l	99
59) 2-Hexanone	10.84	43	315510	245.478	ug/l	99
60) Dibromochloromethane	10.99	129	97895	52.036	ug/l	100
61) 1,2-Dibromoethane	11.10	107	85686	50.666	ug/l	98
64) Tetrachloroethene	10.72	164	95248	52.304	ug/l	97
65) Chlorobenzene	11.52	112	302796	52.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	100945	53.201	ug/l	99
67) Ethyl Benzene	11.60	91	569088	52.738	ug/l	98
68) m/p-Xylenes	11.70	106	428612	107.435	ug/l	99
69) o-Xylene	12.03	106	198189	52.707	ug/l	99
70) Styrene	12.05	104	347023	53.884	ug/l	100
71) Bromoform	12.21	173	54268	52.739	ug/l #	99
73) Isopropylbenzene	12.33	105	544917	54.363	ug/l	100
74) N-amyl acetate	12.15	43	148758	48.287	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.59	83	110102	50.936	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	73111m	46.924	ug/l	
77) Bromobenzene	12.61	156	112905	53.164	ug/l	96
78) n-propylbenzene	12.67	91	670767	54.241	ug/l	100
79) 2-Chlorotoluene	12.76	91	367083	53.729	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	449381	54.458	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	40127	52.023	ug/l	98
82) 4-Chlorotoluene	12.86	91	380837	53.536	ug/l	99
83) tert-Butylbenzene	13.08	119	384230	56.060	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	444398	54.266	ug/l	99
85) sec-Butylbenzene	13.26	105	554443	54.882	ug/l	99
86) p-Isopropyltoluene	13.38	119	479205	54.988	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	219628	52.775	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	219474	51.985	ug/l	99
89) n-Butylbenzene	13.70	91	487602	53.929	ug/l	99
90) Hexachloroethane	13.97	117	91366	55.574	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	199601	52.794	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16558	49.089	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	127617	52.049	ug/l	97
94) Hexachlorobutadiene	15.12	225	64157	53.670	ug/l	99
95) Naphthalene	15.24	128	291801	50.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	110360	51.094	ug/l	100

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

