

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002209.D
 Acq On : 03 Apr 2020 10:43
 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
 4/6/2020 11:30:22 AM

Quant Time: Apr 04 00:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	158106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	83046	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.74	113	78238	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
50) Toluene-d8	10.19	98	321724	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.49	95	111914	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	44896	43.150	ug/l	99
3) Chloromethane	2.13	50	76061	41.166	ug/l	98
4) Vinyl Chloride	2.27	62	81984	43.628	ug/l	98
5) Bromomethane	2.67	94	56963	46.449	ug/l	97
6) Chloroethane	2.82	64	55332	45.857	ug/l	95
7) Trichlorofluoromethane	3.15	101	119924	46.570	ug/l	99
8) Diethyl Ether	3.55	74	51879	47.565	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	80015	47.360	ug/l	98
10) Methyl Iodide	4.12	142	92561	46.074	ug/l	99
11) Tert butyl alcohol	4.99	59	50517	245.264	ug/l	96
12) 1,1-Dichloroethene	3.90	96	80474	46.908	ug/l	99
13) Acrolein	3.76	56	68004	264.164	ug/l	99
14) Allyl chloride	4.51	41	149449	47.585	ug/l	99
15) Acrylonitrile	5.19	53	137754	240.965	ug/l	99
16) Acetone	3.97	43	121114	246.644	ug/l	99
17) Carbon Disulfide	4.22	76	259200	45.526	ug/l	99
18) Methyl Acetate	4.51	43	58946	46.228	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	229071	47.864	ug/l	99
20) Methylene Chloride	4.75	84	97188	47.554	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	92985	47.603	ug/l	99
22) Diisopropyl ether	6.14	45	310133	48.253	ug/l	96
23) Vinyl Acetate	6.09	43	1016602	241.209	ug/l	99
24) 1,1-Dichloroethane	6.05	63	164584	48.161	ug/l	98
25) 2-Butanone	7.01	43	180396	239.250	ug/l	99
26) 2,2-Dichloropropane	7.00	77	137773	48.951	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	104856	48.794	ug/l	99
28) Bromochloromethane	7.36	49	79802	51.151	ug/l	98
29) Tetrahydrofuran	7.37	42	117133	236.941	ug/l	99
30) Chloroform	7.53	83	156524	48.322	ug/l	99
31) Cyclohexane	7.80	56	165059	45.328	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	131157	48.496	ug/l	100
36) 1,1-Dichloropropene	7.94	75	129512	47.704	ug/l	99
37) Ethyl Acetate	7.10	43	77320	47.128	ug/l	99
38) Carbon Tetrachloride	7.92	117	113093	49.098	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	170422	47.855	ug/l	99
40) Benzene	8.18	78	392615	48.821	ug/l	99
41) Methacrylonitrile	7.34	41	43509m	52.428	ug/l	
42) 1,2-Dichloroethane	8.25	62	101849	47.703	ug/l	99
43) Isopropyl Acetate	8.29	43	143383	47.087	ug/l	100
44) Trichloroethene	8.96	130	93980	48.480	ug/l	93
45) 1,2-Dichloropropane	9.23	63	101191	49.418	ug/l	100
46) Dibromomethane	9.32	93	51462	48.937	ug/l	99
47) Bromodichloromethane	9.51	83	121837	49.769	ug/l	98
48) Methyl methacrylate	9.30	41	63746	46.714	ug/l	97
49) 1,4-Dioxane	9.32	88	14045	973.290	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	384742	245.374	ug/l	100
52) Toluene	10.25	92	239022	49.141	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	133823	49.251	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	157814	49.331	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	74627	47.949	ug/l	98
56) Ethyl methacrylate	10.52	69	108380	47.676	ug/l	98
57) 1,3-Dichloropropane	10.80	76	133546	48.565	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	274966	235.399	ug/l	100
59) 2-Hexanone	10.85	43	264087	239.098	ug/l	98
60) Dibromochloromethane	11.00	129	81875	50.272	ug/l	100
61) 1,2-Dibromoethane	11.10	107	71519	49.094	ug/l	97
64) Tetrachloroethene	10.73	164	81415	51.753	ug/l	98
65) Chlorobenzene	11.53	112	241621	48.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	81350	48.992	ug/l	98
67) Ethyl Benzene	11.60	91	458314	49.719	ug/l	99
68) m/p-Xylenes	11.71	106	338722	99.382	ug/l	99
69) o-Xylene	12.04	106	157702	48.777	ug/l	99
70) Styrene	12.05	104	278240	49.664	ug/l	99
71) Bromoform	12.22	173	44715	49.167	ug/l #	98
73) Isopropylbenzene	12.34	105	432696	50.452	ug/l	99
74) N-amyl acetate	12.16	43	130257	48.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	91661	49.667	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	61104m	47.248	ug/l	
77) Bromobenzene	12.62	156	91107	49.763	ug/l	98
78) n-propylbenzene	12.68	91	531667	49.954	ug/l	100
79) 2-Chlorotoluene	12.77	91	290920	49.784	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	353694	49.986	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	32874	49.246	ug/l	95
82) 4-Chlorotoluene	12.86	91	303171	49.233	ug/l	98
83) tert-Butylbenzene	13.09	119	300730	50.917	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	354353	50.193	ug/l	99
85) sec-Butylbenzene	13.27	105	440572	50.362	ug/l	100
86) p-Isopropyltoluene	13.38	119	378618	50.398	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	175955	49.128	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	177897	49.359	ug/l	99
89) n-Butylbenzene	13.71	91	387389	49.491	ug/l	99
90) Hexachloroethane	13.97	117	72182	50.991	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	161038	48.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13671	46.245	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	101676	47.693	ug/l	99
94) Hexachlorobutadiene	15.12	225	50767	48.243	ug/l	100
95) Naphthalene	15.25	128	240703	47.537	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	90521	46.824	ug/l	99

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

