

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001371.D
 Acq On : 24 Jan 2020 10:40
 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
 1/27/2020 12:01:55 PM

Quant Time: Jan 25 04:08:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	193254	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	332737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	295385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	143423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	107990	51.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.74	113	101825	52.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.19	98	416296	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
62) 4-Bromofluorobenzene	12.49	95	155615	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	78895	51.768	ug/l	100
3) Chloromethane	2.12	50	112556	48.866	ug/l	99
4) Vinyl Chloride	2.26	62	119397	49.713	ug/l	96
5) Bromomethane	2.66	94	77654	48.008	ug/l	100
6) Chloroethane	2.80	64	77690	50.623	ug/l	98
7) Trichlorofluoromethane	3.13	101	159856	52.021	ug/l	95
8) Diethyl Ether	3.54	74	62781	48.397	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	103304	52.788	ug/l	100
10) Methyl Iodide	4.11	142	129585	50.206	ug/l	100
11) Tert butyl alcohol	4.98	59	52902	195.910	ug/l	99
12) 1,1-Dichloroethene	3.89	96	103870	50.622	ug/l	96
13) Acrolein	3.74	56	49221	319.151	ug/l	99
14) Allyl chloride	4.50	41	184247	50.353	ug/l	100
15) Acrylonitrile	5.19	53	163847	246.754	ug/l	100
16) Acetone	3.96	43	154432	279.679	ug/l	98
17) Carbon Disulfide	4.21	76	316284	49.012	ug/l	100
18) Methyl Acetate	4.50	43	81946	46.210	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	293820	48.906	ug/l	99
20) Methylene Chloride	4.74	84	116052	44.199	ug/l	99
21) trans-1,2-Dichloroethene	5.24	96	116800	49.005	ug/l	96
22) Diisopropyl ether	6.14	45	383346	49.336	ug/l	96
23) Vinyl Acetate	6.08	43	1266675	251.105	ug/l	99
24) 1,1-Dichloroethane	6.04	63	202719	49.497	ug/l	99
25) 2-Butanone	7.01	43	231624	253.062	ug/l	97
26) 2,2-Dichloropropane	7.00	77	179074	49.086	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	131648	49.423	ug/l	98
28) Bromochloromethane	7.35	49	83627	49.512	ug/l	97
29) Tetrahydrofuran	7.36	42	145757	244.775	ug/l	99
30) Chloroform	7.53	83	198388	49.419	ug/l	97
31) Cyclohexane	7.80	56	200766	49.372	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	169955	50.140	ug/l	100
36) 1,1-Dichloropropene	7.94	75	162567	51.715	ug/l	99
37) Ethyl Acetate	7.10	43	96316	50.149	ug/l	100
38) Carbon Tetrachloride	7.91	117	149205	53.257	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	215266	53.456	ug/l	98
40) Benzene	8.18	78	480213	50.948	ug/l	99
41) Methacrylonitrile	7.33	41	50034m	50.483	ug/l	
42) 1,2-Dichloroethane	8.25	62	134273	50.983	ug/l	98
43) Isopropyl Acetate	8.28	43	194244	52.012	ug/l	99
44) Trichloroethene	8.95	130	122724	50.739	ug/l	100
45) 1,2-Dichloropropane	9.23	63	122853	51.559	ug/l	100
46) Dibromomethane	9.32	93	65757	51.405	ug/l	98
47) Bromodichloromethane	9.50	83	157127	51.383	ug/l	99
48) Methyl methacrylate	9.30	41	88584	52.177	ug/l	97
49) 1,4-Dioxane	9.32	88	17222	954.707	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	491832	255.728	ug/l	100
52) Toluene	10.25	92	305998	51.214	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	176866	52.182	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	199677	51.327	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	96143	50.922	ug/l	95
56) Ethyl methacrylate	10.52	69	146737	51.421	ug/l	99
57) 1,3-Dichloropropane	10.80	76	169793	51.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	229162	232.071	ug/l	99
59) 2-Hexanone	10.84	43	362158	270.485	ug/l	99
60) Dibromochloromethane	10.99	129	108781	51.514	ug/l	100
61) 1,2-Dibromoethane	11.10	107	91371	51.192	ug/l	99
64) Tetrachloroethene	10.73	164	96049	50.905	ug/l	99
65) Chlorobenzene	11.52	112	320798	51.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	110747	52.121	ug/l	99
67) Ethyl Benzene	11.60	91	597396	52.064	ug/l	99
68) m/p-Xylenes	11.71	106	446549	104.199	ug/l	99
69) o-Xylene	12.03	106	213170	51.706	ug/l	99
70) Styrene	12.05	104	373278	51.605	ug/l	100
71) Bromoform	12.22	173	65422	51.579	ug/l #	99
73) Isopropylbenzene	12.33	105	574839	50.793	ug/l	100
74) N-amyl acetate	12.15	43	190636	51.460	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	123847	51.097	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	90007m	52.080	ug/l	
77) Bromobenzene	12.61	156	126388	50.421	ug/l	99
78) n-propylbenzene	12.68	91	706145	51.839	ug/l	100
79) 2-Chlorotoluene	12.77	91	396578	50.961	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	482747	51.102	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	47608	52.129	ug/l	96
82) 4-Chlorotoluene	12.86	91	421380	50.692	ug/l	100
83) tert-Butylbenzene	13.08	119	410276	51.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	481749	50.794	ug/l	99
85) sec-Butylbenzene	13.26	105	592505	52.371	ug/l	100
86) p-Isopropyltoluene	13.38	119	517642	51.920	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	246266	51.012	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	247486	50.490	ug/l	99
89) n-Butylbenzene	13.70	91	526042	52.426	ug/l	99
90) Hexachloroethane	13.97	117	99342	52.566	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	225810	50.719	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20691	49.472	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	147712	49.433	ug/l	99
94) Hexachlorobutadiene	15.12	225	73190	50.303	ug/l	98
95) Naphthalene	15.24	128	346483	50.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	130357	49.731	ug/l	99

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

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