

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001590.D
 Acq On : 10 Feb 2020 17:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 6:11:08 PM

Quant Time: Feb 11 06:20:58 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	7.82	168	198444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	352816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	319638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	155278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	103539	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.74	113	97172	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
50) Toluene-d8	10.19	98	400366	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.49	95	151197	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	77340	39.814	ug/l	96
3) Chloromethane	2.13	50	102397	50.436	ug/l	98
4) Vinyl Chloride	2.26	62	103759	49.219	ug/l	99
5) Bromomethane	2.66	94	68639	51.772	ug/l	97
6) Chloroethane	2.81	64	66469	52.308	ug/l	93
7) Trichlorofluoromethane	3.15	101	141336	40.503	ug/l	99
8) Diethyl Ether	3.55	74	54386	46.186	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	88525	42.164	ug/l	99
10) Methyl Iodide	4.11	142	111069	41.517	ug/l	98
11) Tert butyl alcohol	4.99	59	52356	230.364	ug/l	99
12) 1,1-Dichloroethene	3.90	96	88784	42.554	ug/l	98
13) Acrolein	3.76	56	49585	262.088	ug/l	100
14) Allyl chloride	4.51	41	156212	48.944	ug/l	96
15) Acrylonitrile	5.20	53	143198	265.268	ug/l	99
16) Acetone	3.97	43	132511	229.275	ug/l	96
17) Carbon Disulfide	4.22	76	283483	42.681	ug/l	99
18) Methyl Acetate	4.51	43	65062	52.753	ug/l	95
19) Methyl tert-butyl Ether	5.25	73	254020	45.782	ug/l	95
20) Methylene Chloride	4.74	84	112430	49.648	ug/l	90
21) trans-1,2-Dichloroethene	5.25	96	100214	43.207	ug/l	97
22) Diisopropyl ether	6.15	45	329011	52.031	ug/l	96
23) Vinyl Acetate	6.10	43	1088718	270.461	ug/l	96
24) 1,1-Dichloroethane	6.05	63	174511	45.882	ug/l	99
25) 2-Butanone	7.02	43	200723	267.699	ug/l	90
26) 2,2-Dichloropropane	7.01	77	148252	40.727	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	113284	44.718	ug/l	98
28) Bromochloromethane	7.36	49	82246	63.476	ug/l	88
29) Tetrahydrofuran	7.38	42	130440	290.246	ug/l	93
30) Chloroform	7.53	83	168914	43.843	ug/l	98
31) Cyclohexane	7.81	56	174236	44.783	ug/l	96
32) 1,1,1-Trichloroethane	7.73	97	145343	41.609	ug/l	98
36) 1,1-Dichloropropene	7.94	75	139307	43.161	ug/l	98
37) Ethyl Acetate	7.10	43	85052	54.434	ug/l	96
38) Carbon Tetrachloride	7.93	117	124433	39.848	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	181002	42.590	ug/l	99
40) Benzene	8.19	78	411864	44.738	ug/l	100
41) Methacrylonitrile	7.35	41	40087m	55.357	ug/l	
42) 1,2-Dichloroethane	8.26	62	115046	44.855	ug/l	100
43) Isopropyl Acetate	8.30	43	165632	53.540	ug/l	94
44) Trichloroethene	8.96	130	103528	41.720	ug/l	99
45) 1,2-Dichloropropane	9.24	63	106477	47.897	ug/l	100
46) Dibromomethane	9.32	93	55428	44.403	ug/l	99
47) Bromodichloromethane	9.52	83	131630	43.278	ug/l	100
48) Methyl methacrylate	9.31	41	75141	53.516	ug/l	93
49) 1,4-Dioxane	9.32	88	14756	895.076	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	430203	282.376	ug/l	94
52) Toluene	10.26	92	261329	44.738	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	150202	45.340	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	169322	44.521	ug/l	94
55) 1,1,2-Trichloroethane	10.66	97	82163	45.875	ug/l	97
56) Ethyl methacrylate	10.52	69	124648	48.931	ug/l	91
57) 1,3-Dichloropropane	10.80	76	145769	46.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	249688	266.440	ug/l	95
59) 2-Hexanone	10.85	43	311849	281.521	ug/l	95
60) Dibromochloromethane	11.00	129	92820	43.967	ug/l	99
61) 1,2-Dibromoethane	11.10	107	79012	44.790	ug/l	99
64) Tetrachloroethene	10.73	164	86134	41.090	ug/l	97
65) Chlorobenzene	11.53	112	269801	42.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	93808	42.707	ug/l	98
67) Ethyl Benzene	11.60	91	503768	43.413	ug/l	99
68) m/p-Xylenes	11.71	106	376433	86.412	ug/l	98
69) o-Xylene	12.04	106	179144	43.615	ug/l	100
70) Styrene	12.05	104	316000	44.489	ug/l	99
71) Bromoform	12.22	173	54858	44.851	ug/l #	98
73) Isopropylbenzene	12.34	105	483145	40.797	ug/l	100
74) N-amyl acetate	12.15	43	162315	52.744	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	106440	47.306	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	81130m	48.585	ug/l	
77) Bromobenzene	12.62	156	106017	41.366	ug/l	94
78) n-propylbenzene	12.68	91	594438	41.927	ug/l	99
79) 2-Chlorotoluene	12.77	91	332274	41.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	403206	40.427	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	39095	45.301	ug/l	95
82) 4-Chlorotoluene	12.86	91	350795	41.401	ug/l	99
83) tert-Butylbenzene	13.08	119	339799	40.306	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	407777	41.309	ug/l	99
85) sec-Butylbenzene	13.26	105	494938	41.756	ug/l	99
86) p-Isopropyltoluene	13.38	119	436288	41.769	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	206659	42.075	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	210026	42.683	ug/l	99
89) n-Butylbenzene	13.70	91	441081	42.799	ug/l	99
90) Hexachloroethane	13.97	117	82192	40.998	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	191435	43.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	17636	42.458	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	125346	41.789	ug/l	98
94) Hexachlorobutadiene	15.12	225	63092	41.444	ug/l	97
95) Naphthalene	15.25	128	296299	42.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	112258	42.397	ug/l	97

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

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