

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
 Data File : VY001411.D
 Acq On : 27 Jan 2020 17:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 3:40:34 PM

Quant Time: Jan 27 22:19:17 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	7.82	168	194683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	344355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	310731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	150788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	107710	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.75	113	99576	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.19	98	404812	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.49	95	153441	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	73138	47.638	ug/l	96
3) Chloromethane	2.12	50	111353	47.989	ug/l	97
4) Vinyl Chloride	2.26	62	113349	46.848	ug/l	94
5) Bromomethane	2.66	94	75015	46.036	ug/l	98
6) Chloroethane	2.81	64	74130	47.948	ug/l	97
7) Trichlorofluoromethane	3.15	101	153130	49.466	ug/l	97
8) Diethyl Ether	3.55	74	63835	48.848	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.92	101	99309	50.374	ug/l	100
10) Methyl Iodide	4.11	142	126035	48.472	ug/l	100
11) Tert butyl alcohol	4.99	59	60588	225.604	ug/l	100
12) 1,1-Dichloroethene	3.90	96	99716	48.241	ug/l	96
13) Acrolein	3.76	56	39346	250.437	ug/l	99
14) Allyl chloride	4.51	41	180318	48.917	ug/l	100
15) Acrylonitrile	5.20	53	167698	250.700	ug/l	99
16) Acetone	3.97	43	160247	288.315	ug/l	99
17) Carbon Disulfide	4.22	76	298838	45.969	ug/l	100
18) Methyl Acetate	4.50	43	84682	47.402	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	296612	49.008	ug/l	100
20) Methylene Chloride	4.75	84	117994	44.652	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	113924	47.447	ug/l	99
22) Diisopropyl ether	6.15	45	381165	48.695	ug/l	97
23) Vinyl Acetate	6.10	43	1246009	245.195	ug/l	100
24) 1,1-Dichloroethane	6.05	63	202070	48.976	ug/l	98
25) 2-Butanone	7.02	43	233808	253.573	ug/l	99
26) 2,2-Dichloropropane	7.01	77	171795	46.745	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	130518	48.639	ug/l	100
28) Bromochloromethane	7.36	49	92745	54.508	ug/l	98
29) Tetrahydrofuran	7.38	42	148538	247.614	ug/l	99
30) Chloroform	7.53	83	196161	48.506	ug/l	98
31) Cyclohexane	7.81	56	189663	46.300	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	165833	48.565	ug/l	100
36) 1,1-Dichloropropene	7.94	75	158377	48.682	ug/l	99
37) Ethyl Acetate	7.11	43	100037	50.329	ug/l	98
38) Carbon Tetrachloride	7.93	117	140660	48.513	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	203006	48.710	ug/l	97
40) Benzene	8.19	78	476617	48.860	ug/l	99
41) Methacrylonitrile	7.35	41	53938m	52.586	ug/l	
42) 1,2-Dichloroethane	8.27	62	134199	49.236	ug/l	100
43) Isopropyl Acetate	8.30	43	191492	49.545	ug/l	99
44) Trichloroethene	8.96	130	120305	48.061	ug/l	100
45) 1,2-Dichloropropane	9.24	63	121749	49.372	ug/l	97
46) Dibromomethane	9.33	93	64462	48.693	ug/l	99
47) Bromodichloromethane	9.52	83	156782	49.541	ug/l	99
48) Methyl methacrylate	9.31	41	88264	50.234	ug/l	99
49) 1,4-Dioxane	9.32	88	18910	1012.914	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	503034	252.728	ug/l	100
52) Toluene	10.26	92	301443	48.749	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	175399	50.003	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	198618	49.332	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	97376	49.835	ug/l	99
56) Ethyl methacrylate	10.52	69	148269	50.205	ug/l	98
57) 1,3-Dichloropropane	10.80	76	170123	49.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	227952	223.057	ug/l	98
59) 2-Hexanone	10.85	43	364749	263.229	ug/l	99
60) Dibromochloromethane	11.00	129	108122	49.474	ug/l	99
61) 1,2-Dibromoethane	11.10	107	93529	50.633	ug/l	100
64) Tetrachloroethene	10.73	164	97945	49.347	ug/l	99
65) Chlorobenzene	11.53	112	317600	48.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	110835	49.586	ug/l	99
67) Ethyl Benzene	11.60	91	587846	48.701	ug/l	98
68) m/p-Xylenes	11.71	106	439862	97.570	ug/l	99
69) o-Xylene	12.04	106	207539	47.854	ug/l	98
70) Styrene	12.05	104	373622	49.101	ug/l	99
71) Bromoform	12.22	173	64869	48.617	ug/l #	100
73) Isopropylbenzene	12.34	105	563976	47.399	ug/l	100
74) N-amyl acetate	12.15	43	191457	49.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	124848	48.994	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	82075m	45.170	ug/l	
77) Bromobenzene	12.62	156	123882	47.007	ug/l	98
78) n-propylbenzene	12.68	91	691701	48.298	ug/l	100
79) 2-Chlorotoluene	12.77	91	394194	48.181	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	474089	47.734	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	48343	50.349	ug/l	97
82) 4-Chlorotoluene	12.86	91	414200	47.395	ug/l	100
83) tert-Butylbenzene	13.08	119	396894	47.408	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	476475	47.784	ug/l	100
85) sec-Butylbenzene	13.26	105	580973	48.843	ug/l	100
86) p-Isopropyltoluene	13.38	119	510281	48.682	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	244565	48.185	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	244610	47.466	ug/l	99
89) n-Butylbenzene	13.70	91	515494	48.865	ug/l	99
90) Hexachloroethane	13.97	117	98632	49.642	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	225759	48.230	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21596	49.114	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	146476	46.625	ug/l	99
94) Hexachlorobutadiene	15.12	225	70398	46.021	ug/l	99
95) Naphthalene	15.24	128	351544	48.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	131879	47.854	ug/l	99

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

