

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000140.D
 Acq On : 23 Sep 2019 18:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:36 AM

Quant Time: Sep 24 05:53:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	246186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	451042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175860	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	146078	51.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.24%	
35) Dibromofluoromethane	7.72	113	136470	52.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.38%	
50) Toluene-d8	10.18	98	565932	54.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.56%	
62) 4-Bromofluorobenzene	12.48	95	211864	55.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	108123	44.273	ug/l	98
3) Chloromethane	2.11	50	138111	37.135	ug/l	98
4) Vinyl Chloride	2.25	62	149254	39.433	ug/l	100
5) Bromomethane	2.64	94	92807	39.585	ug/l	99
6) Chloroethane	2.78	64	94668	40.485	ug/l	94
7) Trichlorofluoromethane	3.12	101	209751	48.516	ug/l	99
8) Diethyl Ether	3.53	74	97551	52.638	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.89	101	143936	50.211	ug/l	96
10) Methyl Iodide	4.09	142	223942	60.895	ug/l	94
11) Tert butyl alcohol	4.96	59	76066	260.348	ug/l	99
12) 1,1-Dichloroethene	3.87	96	150746	50.915	ug/l	93
13) Acrolein	3.73	56	18197	153.291	ug/l	87
14) Allyl chloride	4.48	41	226689	54.241	ug/l	93
15) Acrylonitrile	5.17	53	232757	259.091	ug/l	99
16) Acetone	3.95	43	136337	247.827	ug/l	96
17) Carbon Disulfide	4.18	76	499884	49.003	ug/l	99
18) Methyl Acetate	4.48	43	104475	51.840	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	410126	53.308	ug/l	99
20) Methylene Chloride	4.71	84	195550	52.895	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	168945	50.599	ug/l	98
22) Diisopropyl ether	6.12	45	472554	53.033	ug/l	95
23) Vinyl Acetate	6.06	43	1530638	257.759	ug/l	99
24) 1,1-Dichloroethane	6.02	63	273259	51.479	ug/l	98
25) 2-Butanone	6.99	43	261880	256.578	ug/l	96
26) 2,2-Dichloropropane	6.98	77	216821	45.073	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	184632	49.683	ug/l	95
28) Bromochloromethane	7.34	49	114574	55.235	ug/l	99
29) Tetrahydrofuran	7.35	42	186376	269.647	ug/l	95
30) Chloroform	7.51	83	258069	48.292	ug/l	97
31) Cyclohexane	7.78	56	269242	48.915	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	213924	48.658	ug/l	99
36) 1,1-Dichloropropene	7.92	75	211324	50.601	ug/l	98
37) Ethyl Acetate	7.08	43	121880	55.261	ug/l	98
38) Carbon Tetrachloride	7.90	117	178070	49.680	ug/l	99

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39) Methylcyclohexane	9.18	83	302686	52.697	ug/l	95
40) Benzene	8.16	78	657355	51.000	ug/l	100
41) Methacrylonitrile	7.32	41	60453m	55.672	ug/l	
42) 1,2-Dichloroethane	8.24	62	173296	52.723	ug/l	99
43) Isopropyl Acetate	8.27	43	232803	52.772	ug/l	99
44) Trichloroethene	8.94	130	161643	50.507	ug/l	97
45) 1,2-Dichloropropane	9.22	63	161309	51.814	ug/l	99
46) Dibromomethane	9.31	93	85148	49.179	ug/l	95
47) Bromodichloromethane	9.49	83	201919	50.935	ug/l	97
48) Methyl methacrylate	9.29	41	101243	53.704	ug/l #	93
49) 1,4-Dioxane	9.29	88	27053	989.729	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	599670	266.761	ug/l	98
52) Toluene	10.24	92	396256	49.751	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	217523	50.319	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	259502	51.777	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	153302	61.829	ug/l	99
56) Ethyl methacrylate	10.51	69	216404	61.962	ug/l	93
57) 1,3-Dichloropropane	10.79	76	221577	51.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	463101	268.579	ug/l	98
59) 2-Hexanone	10.83	43	510691	324.328	ug/l	89
60) Dibromochloromethane	10.98	129	131382	50.700	ug/l	94
61) 1,2-Dibromoethane	11.09	107	120714	51.804	ug/l	95
64) Tetrachloroethene	10.71	164	153000	51.452	ug/l	92
65) Chlorobenzene	11.51	112	408909	51.562	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	133933	52.559	ug/l	98
67) Ethyl Benzene	11.59	91	740027	51.336	ug/l	98
68) m/p-Xylenes	11.70	106	563012	101.280	ug/l	96
69) o-Xylene	12.02	106	270839	50.966	ug/l	96
70) Styrene	12.04	104	470576	52.409	ug/l	98
71) Bromoform	12.21	173	77493	53.860	ug/l #	99
73) Isopropylbenzene	12.32	105	731791	52.263	ug/l	100
74) N-amyl acetate	12.14	43	302754	77.581	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.58	83	159525	57.061	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	113736m	61.713	ug/l	
77) Bromobenzene	12.60	156	167247	57.121	ug/l	94
78) n-propylbenzene	12.66	91	964089	55.673	ug/l	99
79) 2-Chlorotoluene	12.75	91	485075	51.026	ug/l	98
80) 1,3,5-Trimethylbenzene	12.80	105	577724	49.303	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	58891	52.524	ug/l #	84
82) 4-Chlorotoluene	12.85	91	506255	51.633	ug/l	99
83) tert-Butylbenzene	13.07	119	484043	50.428	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	584284	49.965	ug/l	100
85) sec-Butylbenzene	13.25	105	737749	51.416	ug/l	100
86) p-Isopropyltoluene	13.37	119	603060	49.293	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	290506	50.709	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	297432	50.864	ug/l	99
89) n-Butylbenzene	13.69	91	660649	52.645	ug/l	99
90) Hexachloroethane	13.96	117	124064	51.207	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	268678	49.713	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	25489	49.604	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.00	180	178173	51.274	ug/l	97
94) Hexachlorobutadiene	15.10	225	83681	54.181	ug/l	99
95) Naphthalene	15.23	128	446445	50.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	161356	52.063	ug/l	98

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

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