

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011940.D
 Acq On : 31 Aug 2019 07:27
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:41:12 AM

Quant Time: Aug 31 11:10:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	272808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	397027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	377316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225796	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	146300	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	5.48	113	134306	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
50) Toluene-d8	8.71	98	475967	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.14	95	199597	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	77205	46.890	ug/l	100
3) Chloromethane	1.31	50	92585	48.506	ug/l	100
4) Vinyl Chloride	1.39	62	89046	48.855	ug/l	98
5) Bromomethane	1.62	94	70404	55.827	ug/l	100
6) Chloroethane	1.71	64	60124	53.003	ug/l	97
7) Trichlorofluoromethane	1.92	101	158989	50.227	ug/l	100
8) Diethyl Ether	2.17	74	60562	55.672	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101948	49.417	ug/l	98
10) Methyl Iodide	2.50	142	90209	40.782	ug/l	99
11) Tert butyl alcohol	3.03	59	81773	325.190	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99225	51.786	ug/l	99
13) Acrolein	2.28	56	24390	194.874	ug/l	98
14) Allyl chloride	2.72	41	187302	52.112	ug/l	100
15) Acrylonitrile	3.12	53	192057	321.415	ug/l	98
16) Acetone	2.43	43	162241	288.493	ug/l	99
17) Carbon Disulfide	2.56	76	276953	50.393	ug/l	100
18) Methyl Acetate	2.76	43	114698	73.678	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	365217	58.836	ug/l	99
20) Methylene Chloride	2.84	84	135080	56.978	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	121816	53.972	ug/l	98
22) Diisopropyl ether	3.84	45	411268	56.050	ug/l	96
23) Vinyl Acetate	3.80	43	1301163	275.815	ug/l	100
24) 1,1-Dichloroethane	3.68	63	224190	55.406	ug/l	99
25) 2-Butanone	4.65	43	262824	320.879	ug/l	99
26) 2,2-Dichloropropane	4.57	77	144117	42.466	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	150291	56.531	ug/l	97
28) Bromochloromethane	5.00	49	106908	58.882	ug/l	98
29) Tetrahydrofuran	5.11	42	168159	328.925	ug/l	99
30) Chloroform	5.20	83	241796	55.888	ug/l	96
31) Cyclohexane	5.56	56	154639	47.382	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	210963	54.893	ug/l	99
36) 1,1-Dichloropropene	5.79	75	157565	50.094	ug/l	99
37) Ethyl Acetate	4.82	43	115309	61.931	ug/l	99
38) Carbon Tetrachloride	5.77	117	188175	51.584	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	172164	45.953	ug/l	99
40) Benzene	6.13	78	498867	53.134	ug/l	100
41) Methacrylonitrile	5.03	41	67903	61.940	ug/l	99
42) 1,2-Dichloroethane	6.18	62	182041	57.015	ug/l	99
43) Isopropyl Acetate	6.43	43	226175	59.916	ug/l	99
44) Trichloroethene	7.20	130	155732	53.609	ug/l	100
45) 1,2-Dichloropropane	7.51	63	133564	54.385	ug/l	99
46) Dibromomethane	7.65	93	83311	57.159	ug/l	99
47) Bromodichloromethane	7.89	83	200757	55.546	ug/l	100
48) Methyl methacrylate	7.76	41	112666	61.341	ug/l	99
49) 1,4-Dioxane	7.73	88	33800	1338.229	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	600019	312.888	ug/l	100
52) Toluene	8.78	92	335129	53.954	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	191603	51.754	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	212419	51.113	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120686	56.560	ug/l	99
56) Ethyl methacrylate	9.17	69	171211	57.814	ug/l	99
57) 1,3-Dichloropropane	9.37	76	203782	57.539	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	404181	286.550	ug/l	98
59) 2-Hexanone	9.48	43	422701	310.308	ug/l	99
60) Dibromochloromethane	9.57	129	164048	57.242	ug/l	99
61) 1,2-Dibromoethane	9.67	107	124544	58.871	ug/l	100
64) Tetrachloroethene	9.33	164	184674	60.846	ug/l	98
65) Chlorobenzene	10.14	112	396338	54.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	161994	54.787	ug/l	100
67) Ethyl Benzene	10.25	91	658524	52.947	ug/l	98
68) m/p-Xylenes	10.35	106	509673	106.125	ug/l	100
69) o-Xylene	10.70	106	250458	53.517	ug/l	99
70) Styrene	10.71	104	450993	54.674	ug/l	100
71) Bromoform	10.85	173	124516	59.555	ug/l #	100
73) Isopropylbenzene	11.01	105	671556	51.763	ug/l	100
74) N-amyl acetate	10.89	43	206295	53.581	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	151712	57.138	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	132367m	59.594	ug/l	
77) Bromobenzene	11.25	156	203401	54.057	ug/l	99
78) n-propylbenzene	11.35	91	760374	51.685	ug/l	100
79) 2-Chlorotoluene	11.42	91	462443	52.222	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	581335	51.913	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42601	48.182	ug/l	100
82) 4-Chlorotoluene	11.51	91	559509	52.374	ug/l	99
83) tert-Butylbenzene	11.76	119	582625	51.274	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	600940	52.363	ug/l	99
85) sec-Butylbenzene	11.94	105	679846	51.511	ug/l	99
86) p-Isopropyltoluene	12.06	119	659815	51.557	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	370223	52.942	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	373197	52.790	ug/l	99
89) n-Butylbenzene	12.39	91	570174	50.358	ug/l	100
90) Hexachloroethane	12.59	117	130711	52.794	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	352431	54.207	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31667	59.873	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	291606	53.266	ug/l	100
94) Hexachlorobutadiene	13.78	225	189983	51.965	ug/l	99
95) Naphthalene	13.83	128	550825	58.627	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	271426	54.828	ug/l	99

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

