

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082919\
 Data File : VX011888.D
 Acq On : 29 Aug 2019 22:36
 Operator : SY/SP
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 2:39:19 AM

Quant Time: Aug 30 01:51:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:36:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	373326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	521013	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	281885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	348628	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
35) Dibromofluoromethane	5.48	113	333604	103.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.38%	
50) Toluene-d8	8.71	98	1184268	101.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.30%	
62) 4-Bromofluorobenzene	11.13	95	481934	92.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	205449	90.082	ug/l	99
3) Chloromethane	1.31	50	249186	93.024	ug/l	99
4) Vinyl Chloride	1.40	62	244489	96.168	ug/l	99
5) Bromomethane	1.62	94	154767	94.579	ug/l	100
6) Chloroethane	1.70	64	152475	100.613	ug/l	98
7) Trichlorofluoromethane	1.91	101	422208	98.147	ug/l	99
8) Diethyl Ether	2.17	74	143479	100.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279715	110.838	ug/l	100
10) Methyl Iodide	2.49	142	338405	147.699	ug/l	98
11) Tert butyl alcohol	3.04	59	163953	532.261	ug/l	100
12) 1,1-Dichloroethene	2.35	96	262883	105.267	ug/l	99
13) Acrolein	2.28	56	75339	515.746	ug/l	99
14) Allyl chloride	2.71	41	498049	109.652	ug/l	100
15) Acrylonitrile	3.13	53	405538	526.299	ug/l	99
16) Acetone	2.43	43	350239	262.325	ug/l	100
17) Carbon Disulfide	2.56	76	772231	103.260	ug/l	100
18) Methyl Acetate	2.76	43	199984	70.781	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	850206	104.343	ug/l	99
20) Methylene Chloride	2.84	84	322564	95.949	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	311985	100.947	ug/l	98
22) Diisopropyl ether	3.84	45	1007040	102.326	ug/l	97
23) Vinyl Acetate	3.80	43	3284240	764.335	ug/l	99
24) 1,1-Dichloroethane	3.68	63	560630	100.708	ug/l	100
25) 2-Butanone	4.65	43	556211	514.103	ug/l	99
26) 2,2-Dichloropropane	4.56	77	458556	117.552	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	368065	100.809	ug/l	100
28) Bromochloromethane	4.99	49	230248	92.989	ug/l	99
29) Tetrahydrofuran	5.11	42	351683	522.032	ug/l	100
30) Chloroform	5.20	83	594794	99.116	ug/l	98
31) Cyclohexane	5.57	56	429959	94.818	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	531611	104.987	ug/l	99
36) 1,1-Dichloropropene	5.79	75	414226	100.795	ug/l	99
37) Ethyl Acetate	4.82	43	246816	127.444	ug/l	99
38) Carbon Tetrachloride	5.77	117	487938	121.838	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	476935	97.067	ug/l	99
40) Benzene	6.13	78	1247694	101.592	ug/l	100
41) Methacrylonitrile	5.02	41	146123	110.789	ug/l	99
42) 1,2-Dichloroethane	6.18	62	424493	103.584	ug/l	100
43) Isopropyl Acetate	6.43	43	502693	130.257	ug/l	100
44) Trichloroethene	7.20	130	388083	91.510	ug/l	98
45) 1,2-Dichloropropane	7.51	63	326977	104.574	ug/l	100
46) Dibromomethane	7.65	93	194404	103.907	ug/l	100
47) Bromodichloromethane	7.89	83	483614	111.542	ug/l	99
48) Methyl methacrylate	7.76	41	244611	128.842	ug/l	100
49) 1,4-Dioxane	7.73	88	63603	2319.849	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1239046	603.223	ug/l	100
52) Toluene	8.78	92	818223	101.641	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	499566	147.577	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	555658	128.176	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	277955	109.362	ug/l	98
56) Ethyl methacrylate	9.17	69	395191	149.771	ug/l	99
57) 1,3-Dichloropropane	9.37	76	463920	113.065	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	894282	1054.397	ug/l	99
59) 2-Hexanone	9.49	43	879557	651.660	ug/l	99
60) Dibromochloromethane	9.58	129	386404	118.108	ug/l	100
61) 1,2-Dibromoethane	9.66	107	280266	117.542	ug/l	99
64) Tetrachloroethene	9.33	164	387260	79.587	ug/l	99
65) Chlorobenzene	10.13	112	951855	103.051	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	393336	118.435	ug/l	99
67) Ethyl Benzene	10.25	91	1603537	101.537	ug/l	99
68) m/p-Xylenes	10.35	106	1241796	203.557	ug/l	99
69) o-Xylene	10.69	106	610917	104.382	ug/l	99
70) Styrene	10.71	104	1082278	112.839	ug/l	100
71) Bromoform	10.85	173	282025	125.116	ug/l #	100
73) Isopropylbenzene	11.01	105	1618752	97.971	ug/l	99
74) N-amyl acetate	10.89	43	487344	120.011	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	331318	121.096	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	278159m	128.363	ug/l	
77) Bromobenzene	11.25	156	477459	102.850	ug/l	98
78) n-propylbenzene	11.35	91	1829897	98.278	ug/l	99
79) 2-Chlorotoluene	11.41	91	1106027	98.402	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1408495	101.079	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112268	188.287	ug/l	99
82) 4-Chlorotoluene	11.51	91	1319559	98.552	ug/l	99
83) tert-Butylbenzene	11.77	119	1428824	105.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1422831	102.577	ug/l	99
85) sec-Butylbenzene	11.94	105	1643514	101.144	ug/l	99
86) p-Isopropyltoluene	12.06	119	1603556	105.800	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	881753	102.016	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	885332	102.722	ug/l	99
89) n-Butylbenzene	12.38	91	1406072	105.446	ug/l	99
90) Hexachloroethane	12.59	117	320781	153.953	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	817687	104.125	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	65742	153.307	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	692876	109.942	ug/l	100
94) Hexachlorobutadiene	13.78	225	468809	112.908	ug/l	100
95) Naphthalene	13.83	128	1178751	126.262	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	613507	111.349	ug/l	100

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

