

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040119\
 Data File : VX008560.D
 Acq On : 01 Apr 2019 11:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 9:19:30 AM

Quant Time: Apr 02 01:23:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	187746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308401	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135092	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.49	113	101444	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	407843	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	155179	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103508	46.772	ug/l	100
3) Chloromethane	1.32	50	134051	47.974	ug/l	99
4) Vinyl Chloride	1.40	62	140218	45.379	ug/l	99
5) Bromomethane	1.64	94	66458	41.305	ug/l	99
6) Chloroethane	1.71	64	84828	46.342	ug/l	100
7) Trichlorofluoromethane	1.92	101	165412	47.267	ug/l	99
8) Diethyl Ether	2.18	74	77376	46.720	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105827	50.038	ug/l	98
10) Methyl Iodide	2.51	142	82919	41.096	ug/l	98
11) Tert butyl alcohol	3.05	59	159343	252.679	ug/l	100
12) 1,1-Dichloroethene	2.37	96	102424	46.893	ug/l	99
13) Acrolein	2.29	56	118476	258.711	ug/l	100
14) Allyl chloride	2.72	41	249350	51.818	ug/l	98
15) Acrylonitrile	3.14	53	420110	254.061	ug/l	100
16) Acetone	2.44	43	388705	261.293	ug/l	100
17) Carbon Disulfide	2.56	76	305112	48.677	ug/l	99
18) Methyl Acetate	2.77	43	185616	51.952	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	415617	52.804	ug/l	99
20) Methylene Chloride	2.85	84	129103	53.216	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	115503	53.086	ug/l	98
22) Diisopropyl ether	3.85	45	491758	51.900	ug/l	92
23) Vinyl Acetate	3.81	43	2175453	263.164	ug/l	100
24) 1,1-Dichloroethane	3.69	63	245447	51.311	ug/l	99
25) 2-Butanone	4.67	43	624985	262.057	ug/l	99
26) 2,2-Dichloropropane	4.57	77	183951	57.816	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	137169	51.357	ug/l	98
28) Bromochloromethane	5.01	49	112487	47.597	ug/l	100
29) Tetrahydrofuran	5.12	42	395737	251.767	ug/l	99
30) Chloroform	5.20	83	221254	51.252	ug/l	99
31) Cyclohexane	5.57	56	233386	51.156	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	182280	52.824	ug/l	99
36) 1,1-Dichloropropene	5.79	75	172881	52.576	ug/l	100
37) Ethyl Acetate	4.83	43	230562	54.125	ug/l	100
38) Carbon Tetrachloride	5.77	117	152023	55.399	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219843	55.944	ug/l	99
40) Benzene	6.13	78	522767	53.104	ug/l	100
41) Methacrylonitrile	5.04	41	132622	55.400	ug/l	99
42) 1,2-Dichloroethane	6.18	62	187288	51.963	ug/l	100
43) Isopropyl Acetate	6.44	43	376470	55.252	ug/l	100
44) Trichloroethene	7.21	130	123641	53.492	ug/l	99
45) 1,2-Dichloropropane	7.51	63	150953	53.949	ug/l	99
46) Dibromomethane	7.65	93	86443	52.904	ug/l	99
47) Bromodichloromethane	7.89	83	176590	56.464	ug/l	97
48) Methyl methacrylate	7.77	41	190736	55.946	ug/l	99
49) 1,4-Dioxane	7.74	88	62987	929.174	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1223964	276.569	ug/l	100
52) Toluene	8.78	92	321771	54.666	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	205273	59.924	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	224614	57.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	129967	54.242	ug/l	99
56) Ethyl methacrylate	9.18	69	245556	56.775	ug/l	99
57) 1,3-Dichloropropane	9.37	76	231510	53.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	789734	353.238	ug/l	99
59) 2-Hexanone	9.49	43	935044	272.676	ug/l	100
60) Dibromochloromethane	9.58	129	131529	57.722	ug/l	99
61) 1,2-Dibromoethane	9.67	107	133973	54.790	ug/l	99
64) Tetrachloroethene	9.34	164	106744	56.220	ug/l	98
65) Chlorobenzene	10.13	112	332630	54.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	119094	56.597	ug/l	100
67) Ethyl Benzene	10.25	91	626266	54.407	ug/l	99
68) m/p-Xylenes	10.36	106	455834	108.855	ug/l	99
69) o-Xylene	10.69	106	222208	54.681	ug/l	99
70) Styrene	10.71	104	390908	55.689	ug/l	100
71) Bromoform	10.85	173	96764	58.229	ug/l	100
73) Isopropylbenzene	11.02	105	597368	55.263	ug/l	100
74) N-amyl acetate	10.90	43	337794	53.989	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	213795	50.975	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186864m	47.306	ug/l	
77) Bromobenzene	11.26	156	140531	53.566	ug/l	99
78) n-propylbenzene	11.36	91	708556	55.956	ug/l	99
79) 2-Chlorotoluene	11.42	91	416549	54.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	504778	55.235	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75516	61.230	ug/l	96
82) 4-Chlorotoluene	11.51	91	483313	54.401	ug/l	100
83) tert-Butylbenzene	11.77	119	483828	54.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	508667	55.031	ug/l	100
85) sec-Butylbenzene	11.94	105	591692	56.352	ug/l	99
86) p-Isopropyltoluene	12.06	119	533755	57.610	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	256965	54.820	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254486	53.795	ug/l	100
89) n-Butylbenzene	12.38	91	516720	58.874	ug/l	99
90) Hexachloroethane	12.60	117	90864	58.869	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	249967	53.252	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47069	51.470	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182232	57.662	ug/l	100
94) Hexachlorobutadiene	13.78	225	89518	59.654	ug/l	99
95) Naphthalene	13.83	128	583422	53.846	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178054	56.068	ug/l	99

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

