

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112919\
 Data File : VX013714.D
 Acq On : 29 Nov 2019 20:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/2/2019 12:48:25 PM

Quant Time: Nov 30 00:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	662801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1033870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	930447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	472833	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	359883	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	301088	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.71	98	1161777	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.13	95	413334	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	358906	48.650	ug/l	97
3) Chloromethane	1.32	50	390888	47.221	ug/l	100
4) Vinyl Chloride	1.40	62	470268	50.474	ug/l	100
5) Bromomethane	1.63	94	225855	36.096	ug/l	98
6) Chloroethane	1.71	64	254818	48.063	ug/l	98
7) Trichlorofluoromethane	1.92	101	496265	47.969	ug/l	99
8) Diethyl Ether	2.18	74	230974	49.348	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	298749	47.276	ug/l	99
10) Methyl Iodide	2.50	142	307874	40.276	ug/l	99
11) Tert butyl alcohol	3.03	59	380475	200.352	ug/l	97
12) 1,1-Dichloroethene	2.36	96	305224	48.389	ug/l	98
13) Acrolein	2.28	56	251967	199.635	ug/l	100
14) Allyl chloride	2.72	41	544158	47.538	ug/l	99
15) Acrylonitrile	3.13	53	926941	236.468	ug/l	99
16) Acetone	2.43	43	1002193	263.843	ug/l	100
17) Carbon Disulfide	2.56	76	805440	44.793	ug/l	100
18) Methyl Acetate	2.76	43	537374	50.805	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1030721	49.326	ug/l	98
20) Methylene Chloride	2.85	84	348345	47.735	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	325630	47.388	ug/l	97
22) Diisopropyl ether	3.84	45	1095858	49.718	ug/l	98
23) Vinyl Acetate	3.80	43	3861796	210.612	ug/l	100
24) 1,1-Dichloroethane	3.69	63	596588	49.513	ug/l	99
25) 2-Butanone	4.65	43	1389836	246.198	ug/l	100
26) 2,2-Dichloropropane	4.57	77	424820	42.613	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	383977	48.659	ug/l	98
28) Bromochloromethane	5.00	49	254543	53.458	ug/l	100
29) Tetrahydrofuran	5.11	42	833869	239.611	ug/l	99
30) Chloroform	5.20	83	581848	47.615	ug/l	95
31) Cyclohexane	5.58	56	534571	47.037	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	500330	48.996	ug/l	99
36) 1,1-Dichloropropene	5.79	75	439031	46.780	ug/l	99
37) Ethyl Acetate	4.82	43	501092	47.594	ug/l	100
38) Carbon Tetrachloride	5.78	117	423002	48.881	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	540090	46.557	ug/l	98
40) Benzene	6.14	78	1373189	48.041	ug/l	99
41) Methacrylonitrile	5.03	41	286152	49.559	ug/l	99
42) 1,2-Dichloroethane	6.18	62	477439	48.977	ug/l	99
43) Isopropyl Acetate	6.43	43	828077	47.774	ug/l	99
44) Trichloroethene	7.21	130	371400	47.344	ug/l	100
45) 1,2-Dichloropropane	7.51	63	351360	49.131	ug/l	100
46) Dibromomethane	7.65	93	228613	47.068	ug/l	99
47) Bromodichloromethane	7.89	83	454514	49.499	ug/l	99
48) Methyl methacrylate	7.76	41	411756	48.892	ug/l	99
49) 1,4-Dioxane	7.73	88	157456	835.257	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2591998	237.733	ug/l	100
52) Toluene	8.78	92	864634	48.692	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	495165	47.377	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	556602	48.745	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	349189	48.798	ug/l	98
56) Ethyl methacrylate	9.17	69	568644	49.427	ug/l	99
57) 1,3-Dichloropropane	9.37	76	587794	47.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1082921	240.078	ug/l	100
59) 2-Hexanone	9.49	43	2024517	238.080	ug/l	99
60) Dibromochloromethane	9.57	129	364343	49.062	ug/l	99
61) 1,2-Dibromoethane	9.67	107	367877	48.134	ug/l	99
64) Tetrachloroethene	9.33	164	472905	68.155	ug/l	98
65) Chlorobenzene	10.14	112	921874	47.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	339345	48.919	ug/l	99
67) Ethyl Benzene	10.25	91	1633708	49.214	ug/l	99
68) m/p-Xylenes	10.36	106	1241693	97.700	ug/l	100
69) o-Xylene	10.70	106	605471	48.847	ug/l	99
70) Styrene	10.71	104	1034117	49.596	ug/l	99
71) Bromoform	10.85	173	285375	49.719	ug/l #	100
73) Isopropylbenzene	11.01	105	1594995	48.089	ug/l	99
74) N-amyl acetate	10.89	43	733295	48.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	531724	46.228	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	440037m	41.377	ug/l	
77) Bromobenzene	11.25	156	419757	46.846	ug/l	98
78) n-propylbenzene	11.35	91	1798276	48.569	ug/l	100
79) 2-Chlorotoluene	11.42	91	1062100	47.820	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1326271	48.789	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	173258	44.571	ug/l	99
82) 4-Chlorotoluene	11.51	91	1223907	47.578	ug/l	99
83) tert-Butylbenzene	11.76	119	1197359	43.341	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	1343396	48.694	ug/l	100
85) sec-Butylbenzene	11.94	105	1535388	48.657	ug/l	100
86) p-Isopropyltoluene	12.06	119	1417041	48.271	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	736941	47.182	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	723519	45.478	ug/l	99
89) n-Butylbenzene	12.39	91	1201265	47.978	ug/l	99
90) Hexachloroethane	12.59	117	248908	46.909	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	733933	47.558	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119057	47.532	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	498236	46.325	ug/l	99
94) Hexachlorobutadiene	13.78	225	230063	44.529	ug/l	99
95) Naphthalene	13.83	128	1591665	49.693	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	509463	47.841	ug/l	99

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

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