

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013690.D
 Acq On : 28 Nov 2019 07:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:17:45 PM

Quant Time: Nov 29 02:26:10 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	671815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1042750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	933196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	462949	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	364504	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.49	113	304281	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	8.71	98	1154617	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
62) 4-Bromofluorobenzene	11.14	95	415417	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	370429	49.538	ug/l	99
3) Chloromethane	1.32	50	390602	46.553	ug/l	98
4) Vinyl Chloride	1.40	62	473781	50.169	ug/l	98
5) Bromomethane	1.63	94	227854	35.927	ug/l	99
6) Chloroethane	1.71	64	257258	47.872	ug/l	96
7) Trichlorofluoromethane	1.92	101	502615	47.930	ug/l	100
8) Diethyl Ether	2.18	74	234167	49.359	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	298340	46.578	ug/l	98
10) Methyl Iodide	2.50	142	329843	42.571	ug/l	99
11) Tert butyl alcohol	3.03	59	402954	209.342	ug/l	99
12) 1,1-Dichloroethene	2.36	96	305957	47.855	ug/l	100
13) Acrolein	2.28	56	243447	190.578	ug/l	99
14) Allyl chloride	2.72	41	517603	44.611	ug/l	99
15) Acrylonitrile	3.13	53	945569	237.983	ug/l	99
16) Acetone	2.43	43	810592	210.538	ug/l	99
17) Carbon Disulfide	2.56	76	817511	44.855	ug/l	99
18) Methyl Acetate	2.76	43	536358	50.029	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1024754	48.383	ug/l	98
20) Methylene Chloride	2.84	84	350120	47.335	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	330596	47.466	ug/l	98
22) Diisopropyl ether	3.84	45	1097847	49.140	ug/l	98
23) Vinyl Acetate	3.80	43	4472953	240.669	ug/l	100
24) 1,1-Dichloroethane	3.69	63	591974	48.470	ug/l	98
25) 2-Butanone	4.66	43	1317461	230.246	ug/l	99
26) 2,2-Dichloropropane	4.57	77	314535	31.127	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	380678	47.593	ug/l	96
28) Bromochloromethane	5.00	49	245833	50.936	ug/l	99
29) Tetrahydrofuran	5.11	42	861198	244.144	ug/l	99
30) Chloroform	5.20	83	576516	46.546	ug/l	98
31) Cyclohexane	5.57	56	540068	46.883	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	497822	48.096	ug/l	99
36) 1,1-Dichloropropene	5.79	75	439239	46.404	ug/l	99
37) Ethyl Acetate	4.82	43	515085	48.506	ug/l	100
38) Carbon Tetrachloride	5.78	117	420866	48.220	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	534493	45.682	ug/l	97
40) Benzene	6.14	78	1362980	47.278	ug/l	100
41) Methacrylonitrile	5.03	41	288951	49.617	ug/l	99
42) 1,2-Dichloroethane	6.19	62	474273	48.238	ug/l	99
43) Isopropyl Acetate	6.44	43	837922	47.930	ug/l	100
44) Trichloroethene	7.20	130	367192	46.409	ug/l	97
45) 1,2-Dichloropropane	7.51	63	351445	48.724	ug/l	97
46) Dibromomethane	7.65	93	231734	47.304	ug/l	99
47) Bromodichloromethane	7.89	83	447678	48.340	ug/l	100
48) Methyl methacrylate	7.76	41	414581	48.808	ug/l	98
49) 1,4-Dioxane	7.73	88	162674	855.588	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2625740	238.777	ug/l	100
52) Toluene	8.78	92	853966	47.682	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	464522	44.067	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	525835	45.659	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	352360	48.822	ug/l	99
56) Ethyl methacrylate	9.17	69	571081	49.216	ug/l	99
57) 1,3-Dichloropropane	9.37	76	586943	47.181	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1103967	242.659	ug/l	99
59) 2-Hexanone	9.48	43	2002782	233.518	ug/l	99
60) Dibromochloromethane	9.57	129	369972	49.395	ug/l	100
61) 1,2-Dibromoethane	9.67	107	368735	47.836	ug/l	98
64) Tetrachloroethene	9.33	164	351212	50.467	ug/l	99
65) Chlorobenzene	10.14	112	909329	46.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	343954	49.437	ug/l	99
67) Ethyl Benzene	10.25	91	1635286	49.117	ug/l	99
68) m/p-Xylenes	10.36	106	1229238	96.435	ug/l	99
69) o-Xylene	10.70	106	599988	48.262	ug/l	99
70) Styrene	10.71	104	1031337	49.317	ug/l	100
71) Bromoform	10.85	173	283497	49.247	ug/l #	100
73) Isopropylbenzene	11.01	105	1602690	49.353	ug/l	100
74) N-amyl acetate	10.89	43	732188	49.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	551862	49.003	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	431876m	41.477	ug/l	
77) Bromobenzene	11.25	156	424121	48.344	ug/l	99
78) n-propylbenzene	11.35	91	1780755	49.123	ug/l	100
79) 2-Chlorotoluene	11.42	91	1059697	48.731	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1318190	49.527	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	158648	41.684	ug/l	100
82) 4-Chlorotoluene	11.51	91	1203838	47.797	ug/l	100
83) tert-Butylbenzene	11.76	119	1321182	48.844	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1334430	49.401	ug/l	100
85) sec-Butylbenzene	11.94	105	1523304	49.304	ug/l	100
86) p-Isopropyltoluene	12.06	119	1406992	48.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	720686	47.126	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	729786	46.851	ug/l	99
89) n-Butylbenzene	12.39	91	1186800	48.412	ug/l	100
90) Hexachloroethane	12.59	117	248185	47.771	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	731278	48.398	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	115833	47.232	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	495418	47.046	ug/l	99
94) Hexachlorobutadiene	13.78	225	231335	45.731	ug/l	97
95) Naphthalene	13.83	128	1576289	50.264	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	499000	47.859	ug/l	98

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

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