

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015743.D
 Acq On : 17 Apr 2020 17:09
 Operator : JC/SP
 Sample : VX0417WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD02

Manual Integrations
 APPROVED

Quant Time: Apr 20 05:14:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	956686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1456638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1311977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	712820	50.00	ug/l	0.00

System Monitoring Compounds

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33) 1,2-Dichloroethane-d4	6.03	65	626203	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	484446	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	8.70	98	1800820	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.12	95	728381	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.19	85	130334	15.463	ug/l	100
3) Chloromethane	1.31	50	171321	15.961	ug/l	99
4) Vinyl Chloride	1.39	62	173698	17.624	ug/l	99
5) Bromomethane	1.63	94	126692	23.619	ug/l	99
6) Chloroethane	1.72	64	108017	17.671	ug/l	99
7) Trichlorofluoromethane	1.92	101	236469	17.890	ug/l	96
8) Diethyl Ether	2.17	74	99537	17.854	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	163955	19.028	ug/l	100
10) Methyl Iodide	2.50	142	136234	11.727	ug/l	98
11) Tert butyl alcohol	3.01	59	226038	69.989	ug/l	98
12) 1,1-Dichloroethene	2.36	96	159276	17.634	ug/l	94
13) Acrolein	2.27	56	204770	111.304	ug/l	99
14) Allyl chloride	2.71	41	350155	16.592	ug/l	99
15) Acrylonitrile	3.12	53	555025	90.114	ug/l	99
16) Acetone	2.42	43	482891	83.301	ug/l	100
17) Carbon Disulfide	2.55	76	400116	14.522	ug/l	96
18) Methyl Acetate	2.75	43	262021	17.710	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	623868	17.809	ug/l	99
20) Methylene Chloride	2.84	84	189945	17.542	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	176313	17.589	ug/l	99
22) Diisopropyl ether	3.83	45	682224	18.243	ug/l	98
23) Vinyl Acetate	3.79	43	2939461	86.814	ug/l	100
24) 1,1-Dichloroethane	3.67	63	342613	17.400	ug/l	99
25) 2-Butanone	4.64	43	776000	83.238	ug/l	100
26) 2,2-Dichloropropane	4.55	77	284719	17.617	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	211339	18.223	ug/l	97
28) Bromochloromethane	4.99	49	172157	18.313	ug/l	94
29) Tetrahydrofuran	5.09	42	505803	84.395	ug/l	99
30) Chloroform	5.18	83	343443	18.130	ug/l	95
31) Cyclohexane	5.55	56	295129	17.278	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	304898	17.785	ug/l	99
36) 1,1-Dichloropropene	5.78	75	247947	18.474	ug/l	98
37) Ethyl Acetate	4.80	43	308531	17.655	ug/l	99
38) Carbon Tetrachloride	5.76	117	260844	17.944	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	278912	18.024	ug/l	92
40) Benzene	6.12	78	745320	18.958	ug/l	95
41) Methacrylonitrile	5.01	41	177547	18.302	ug/l	98
42) 1,2-Dichloroethane	6.17	62	289956	18.361	ug/l	99
43) Isopropyl Acetate	6.42	43	510445	17.303	ug/l	98
44) Trichloroethene	7.19	130	211779	19.752	ug/l	93
45) 1,2-Dichloropropane	7.49	63	204290	18.995	ug/l	98
46) Dibromomethane	7.64	93	128521	18.217	ug/l	96
47) Bromodichloromethane	7.88	83	271265	18.045	ug/l	98
48) Methyl methacrylate	7.75	41	258108	17.516	ug/l	97
49) 1,4-Dioxane	7.72	88	84044	305.744	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1551129	92.779	ug/l	100
52) Toluene	8.77	92	470751	19.422	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	304466	17.269	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	316627	17.630	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	195492	19.686	ug/l	99
56) Ethyl methacrylate	9.16	69	313648	17.921	ug/l	98
57) 1,3-Dichloropropane	9.36	76	339764	18.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	783033	91.983	ug/l	98
59) 2-Hexanone	9.47	43	1150759	91.170	ug/l	98
60) Dibromochloromethane	9.57	129	218366	18.299	ug/l	99
61) 1,2-Dibromoethane	9.65	107	202623	18.765	ug/l	97
64) Tetrachloroethene	9.32	164	199913	20.191	ug/l	96
65) Chlorobenzene	10.12	112	518045	19.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	198112	18.953	ug/l	98
67) Ethyl Benzene	10.24	91	923695	19.905	ug/l	99
68) m/p-Xylenes	10.34	106	699892	40.503	ug/l	96
69) o-Xylene	10.68	106	339045	19.856	ug/l	99
70) Styrene	10.70	104	595147	19.807	ug/l	98
71) Bromoform	10.84	173	163139	17.144	ug/l	98
73) Isopropylbenzene	11.00	105	919425	19.686	ug/l	98
74) N-amyl acetate	10.88	43	439806	16.931	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	297322	18.552	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	274870m	18.751	ug/l	
77) Bromobenzene	11.24	156	250980	20.146	ug/l	92
78) n-propylbenzene	11.34	91	1012758	18.963	ug/l	99
79) 2-Chlorotoluene	11.40	91	611697	18.687	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	767008	19.229	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	92989	15.221	ug/l	96
82) 4-Chlorotoluene	11.50	91	730282	19.030	ug/l	98
83) tert-Butylbenzene	11.76	119	752824	19.322	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	766806	18.865	ug/l	98
85) sec-Butylbenzene	11.93	105	879189	19.511	ug/l	99
86) p-Isopropyltoluene	12.05	119	824442	19.708	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	437653	19.624	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	427311	18.810	ug/l	96
89) n-Butylbenzene	12.37	91	723836	19.148	ug/l	100
90) Hexachloroethane	12.58	117	132427	16.264	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	436146	19.983	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68784	15.206	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	337775	19.565	ug/l	98
94) Hexachlorobutadiene	13.76	225	147515	17.947	ug/l	96
95) Naphthalene	13.82	128	1022103	19.409	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	334644	20.133	ug/l	99

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

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