

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\
 Data File : VX015645.D
 Acq On : 13 Apr 2020 16:26
 Operator : JC/SP
 Sample : VX0413WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:11:52 AM

Quant Time: Apr 13 18:43:58 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	1122214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1673608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1536808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	817953	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	728033	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	5.47	113	548697	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.70	98	1929065	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.12	95	776749	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	156667	15.846	ug/l	99
3) Chloromethane	1.31	50	212998	16.917	ug/l	97
4) Vinyl Chloride	1.39	62	207630	17.959	ug/l	100
5) Bromomethane	1.63	94	144128	22.615	ug/l	100
6) Chloroethane	1.71	64	134804	18.800	ug/l	98
7) Trichlorofluoromethane	1.92	101	275862	17.792	ug/l	95
8) Diethyl Ether	2.17	74	124797	19.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	174737	17.288	ug/l	98
10) Methyl Iodide	2.49	142	203819	14.957	ug/l	98
11) Tert butyl alcohol	3.01	59	294472	77.729	ug/l	100
12) 1,1-Dichloroethene	2.36	96	179444	16.937	ug/l	99
13) Acrolein	2.27	56	102305	47.406	ug/l	98
14) Allyl chloride	2.71	41	412606	16.667	ug/l	99
15) Acrylonitrile	3.12	53	658479	91.142	ug/l	100
16) Acetone	2.42	43	597645	87.890	ug/l	100
17) Carbon Disulfide	2.55	76	493614	15.273	ug/l	97
18) Methyl Acetate	2.75	43	321498	18.524	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	751024	18.277	ug/l	99
20) Methylene Chloride	2.84	84	217940	17.159	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	202536	17.225	ug/l	94
22) Diisopropyl ether	3.83	45	805265	18.357	ug/l	98
23) Vinyl Acetate	3.79	43	3616314	91.051	ug/l	99
24) 1,1-Dichloroethane	3.67	63	402819	17.441	ug/l	100
25) 2-Butanone	4.64	43	957447	87.553	ug/l	98
26) 2,2-Dichloropropane	4.56	77	317416	16.743	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	242279	17.810	ug/l	99
28) Bromochloromethane	4.98	49	212024	19.227	ug/l	98
29) Tetrahydrofuran	5.09	42	613582	87.277	ug/l	98
30) Chloroform	5.19	83	400428	18.020	ug/l	95
31) Cyclohexane	5.55	56	324808	16.211	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	347141	17.262	ug/l	99
36) 1,1-Dichloropropene	5.77	75	277821	18.016	ug/l	99
37) Ethyl Acetate	4.80	43	377558	18.804	ug/l	99
38) Carbon Tetrachloride	5.76	117	298606	17.878	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311869	17.541	ug/l	98
40) Benzene	6.12	78	858230	19.000	ug/l	99
41) Methacrylonitrile	5.01	41	212717	19.085	ug/l	97
42) 1,2-Dichloroethane	6.17	62	355434	19.589	ug/l	100
43) Isopropyl Acetate	6.42	43	630529	18.603	ug/l	99
44) Trichloroethene	7.19	130	233376	18.944	ug/l	92
45) 1,2-Dichloropropane	7.49	63	233033	18.859	ug/l	100
46) Dibromomethane	7.64	93	154326	19.039	ug/l	95
47) Bromodichloromethane	7.88	83	319098	18.475	ug/l	98
48) Methyl methacrylate	7.75	41	315515	18.636	ug/l	98
49) 1,4-Dioxane	7.72	88	113530	359.467	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1880559	97.901	ug/l	100
52) Toluene	8.77	92	530567	19.052	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	360876	17.815	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	383901	18.604	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	231011	20.247	ug/l	97
56) Ethyl methacrylate	9.16	69	374488	18.624	ug/l	99
57) 1,3-Dichloropropane	9.36	76	395637	19.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1006462	102.902	ug/l	100
59) 2-Hexanone	9.48	43	1421532	98.022	ug/l	100
60) Dibromochloromethane	9.57	129	262813	19.169	ug/l	99
61) 1,2-Dibromoethane	9.65	107	240576	19.391	ug/l	99
64) Tetrachloroethene	9.32	164	209148	18.033	ug/l	93
65) Chlorobenzene	10.12	112	581407	18.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	234113	19.120	ug/l	99
67) Ethyl Benzene	10.24	91	1006668	18.519	ug/l	98
68) m/p-Xylenes	10.34	106	766572	37.872	ug/l	99
69) o-Xylene	10.68	106	378335	18.915	ug/l	99
70) Styrene	10.70	104	663336	18.847	ug/l	99
71) Bromoform	10.84	173	206015	18.483	ug/l #	99
73) Isopropylbenzene	11.00	105	977554	18.240	ug/l	100
74) N-amyl acetate	10.88	43	532468	17.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	349103	18.983	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	324150m	19.271	ug/l	
77) Bromobenzene	11.24	156	279055	19.520	ug/l	93
78) n-propylbenzene	11.34	91	1095744	17.880	ug/l	99
79) 2-Chlorotoluene	11.40	91	677478	18.036	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	839194	18.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	115057	16.413	ug/l	95
82) 4-Chlorotoluene	11.50	91	809208	18.377	ug/l	100
83) tert-Butylbenzene	11.76	119	844942	18.899	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	860981	18.459	ug/l	100
85) sec-Butylbenzene	11.93	105	945945	18.294	ug/l	100
86) p-Isopropyltoluene	12.05	119	892356	18.590	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	492468	19.243	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	494845	18.983	ug/l	99
89) n-Butylbenzene	12.37	91	781686	18.020	ug/l	99
90) Hexachloroethane	12.58	117	152921	16.367	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	491925	19.642	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84834	16.344	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	374218	18.890	ug/l	97
94) Hexachlorobutadiene	13.77	225	177274	18.795	ug/l	97
95) Naphthalene	13.82	128	1166027	19.296	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	372913	19.551	ug/l	99

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

