

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015615.D
 Acq On : 10 Apr 2020 12:55
 Operator : JC/SP
 Sample : VX0410WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Manual Integrations
 APPROVED

apatel
 4/13/2020 1:24:03 PM

Quant Time: Apr 11 01:32:51 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	1193777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1795745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1632221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	882851	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	780805	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	5.47	113	578027	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.70	98	2105924	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.12	95	849288	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	196766	18.709	ug/l	100
3) Chloromethane	1.31	50	234270	17.491	ug/l	98
4) Vinyl Chloride	1.39	62	234290	19.050	ug/l	100
5) Bromomethane	1.63	94	148149	21.527	ug/l	98
6) Chloroethane	1.72	64	149453	19.594	ug/l	100
7) Trichlorofluoromethane	1.92	101	335702	20.354	ug/l	97
8) Diethyl Ether	2.17	74	135986	19.547	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212702	19.782	ug/l	97
10) Methyl Iodide	2.49	142	261905	18.067	ug/l	98
11) Tert butyl alcohol	3.01	59	299839	74.402	ug/l	99
12) 1,1-Dichloroethene	2.36	96	212661	18.869	ug/l	95
13) Acrolein	2.27	56	104337	45.449	ug/l	99
14) Allyl chloride	2.71	41	470662	17.872	ug/l	96
15) Acrylonitrile	3.11	53	703225	91.500	ug/l	99
16) Acetone	2.42	43	801045	110.741	ug/l	99
17) Carbon Disulfide	2.55	76	574256	16.702	ug/l	98
18) Methyl Acetate	2.75	43	341549	18.500	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	821440	18.792	ug/l	100
20) Methylene Chloride	2.84	84	252171	18.664	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	232217	18.565	ug/l	97
22) Diisopropyl ether	3.83	45	893363	19.144	ug/l	97
23) Vinyl Acetate	3.78	43	3977869	94.150	ug/l	99
24) 1,1-Dichloroethane	3.67	63	450621	18.341	ug/l	99
25) 2-Butanone	4.64	43	1101240	94.665	ug/l	98
26) 2,2-Dichloropropane	4.56	77	416632	20.659	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	278046	19.214	ug/l	98
28) Bromochloromethane	4.98	49	206390	17.594	ug/l	98
29) Tetrahydrofuran	5.09	42	660573	88.329	ug/l	99
30) Chloroform	5.18	83	449999	19.037	ug/l	97
31) Cyclohexane	5.56	56	404144	18.961	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	415005	19.400	ug/l	100
36) 1,1-Dichloropropene	5.78	75	333347	20.147	ug/l	98
37) Ethyl Acetate	4.80	43	409319	18.999	ug/l	99
38) Carbon Tetrachloride	5.76	117	363167	20.265	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	399816	20.958	ug/l	96
40) Benzene	6.12	78	966591	19.943	ug/l	99
41) Methacrylonitrile	5.01	41	237690	19.875	ug/l	99
42) 1,2-Dichloroethane	6.17	62	402845	20.692	ug/l	99
43) Isopropyl Acetate	6.42	43	700443	19.260	ug/l	100
44) Trichloroethene	7.19	130	273734	20.709	ug/l	94
45) 1,2-Dichloropropane	7.50	63	257513	19.422	ug/l	100
46) Dibromomethane	7.64	93	172502	19.834	ug/l	97
47) Bromodichloromethane	7.88	83	364081	19.646	ug/l	96
48) Methyl methacrylate	7.75	41	347187	19.112	ug/l	99
49) 1,4-Dioxane	7.72	88	110855	327.125	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2047349	99.335	ug/l	99
52) Toluene	8.77	92	621365	20.794	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	413431	19.021	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	440841	19.911	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	256070	20.917	ug/l	95
56) Ethyl methacrylate	9.16	69	420354	19.483	ug/l	99
57) 1,3-Dichloropropane	9.36	76	440495	19.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1032065	98.343	ug/l	100
59) 2-Hexanone	9.47	43	1591169	102.257	ug/l	100
60) Dibromochloromethane	9.57	129	297018	20.190	ug/l	99
61) 1,2-Dibromoethane	9.65	107	263524	19.796	ug/l	96
64) Tetrachloroethene	9.32	164	257884	20.936	ug/l	97
65) Chlorobenzene	10.12	112	677779	20.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	264919	20.371	ug/l	99
67) Ethyl Benzene	10.24	91	1197089	20.735	ug/l	99
68) m/p-Xylenes	10.34	106	912864	42.463	ug/l	99
69) o-Xylene	10.68	106	445559	20.974	ug/l	100
70) Styrene	10.70	104	757105	20.253	ug/l	99
71) Bromoform	10.84	173	219920	18.577	ug/l #	96
73) Isopropylbenzene	11.00	105	1178984	20.381	ug/l	98
74) N-amyl acetate	10.88	43	600311	18.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	386512	19.472	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	361747m	19.925	ug/l	
77) Bromobenzene	11.24	156	316407	20.506	ug/l	96
78) n-propylbenzene	11.34	91	1348834	20.392	ug/l	99
79) 2-Chlorotoluene	11.40	91	812398	20.038	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1015242	20.550	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	133978	17.707	ug/l	97
82) 4-Chlorotoluene	11.50	91	965290	20.310	ug/l	99
83) tert-Butylbenzene	11.76	119	1004907	20.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1018200	20.225	ug/l	97
85) sec-Butylbenzene	11.93	105	1162441	20.829	ug/l	99
86) p-Isopropyltoluene	12.05	119	1098149	21.195	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	553063	20.022	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	557137	19.802	ug/l	98
89) n-Butylbenzene	12.37	91	967327	20.661	ug/l	99
90) Hexachloroethane	12.58	117	185421	18.387	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	546474	20.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94110	16.798	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	446026	20.860	ug/l	97
94) Hexachlorobutadiene	13.77	225	199701	19.616	ug/l	98
95) Naphthalene	13.82	128	1310305	20.089	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	413801	20.100	ug/l	96

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

