

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015542.D
 Acq On : 07 Apr 2020 16:47
 Operator : JC/SP
 Sample : VX0407WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:12:32 AM

Quant Time: Apr 08 03:35:25 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	5.63	168	1090734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1630440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1509826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	817149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	716861	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	527161	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.70	98	1931334	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	801658	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	182988	19.042	ug/l	95
3) Chloromethane	1.31	50	197282	16.121	ug/l	100
4) Vinyl Chloride	1.39	62	198065	17.626	ug/l	97
5) Bromomethane	1.63	94	106346	14.844	ug/l	99
6) Chloroethane	1.71	64	125030	17.940	ug/l	99
7) Trichlorofluoromethane	1.92	101	297482	19.740	ug/l	99
8) Diethyl Ether	2.17	74	119489	18.799	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198669	20.223	ug/l	99
10) Methyl Iodide	2.49	142	146429	11.055	ug/l	99
11) Tert butyl alcohol	3.01	59	265743	72.171	ug/l	99
12) 1,1-Dichloroethene	2.36	96	188774	18.332	ug/l	96
13) Acrolein	2.27	56	192876	91.954	ug/l	99
14) Allyl chloride	2.71	41	410696	17.069	ug/l	96
15) Acrylonitrile	3.11	53	609557	86.805	ug/l	100
16) Acetone	2.42	43	548450	82.983	ug/l	98
17) Carbon Disulfide	2.55	76	534978	17.030	ug/l	99
18) Methyl Acetate	2.75	43	290350	17.213	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	735587	18.418	ug/l	98
20) Methylene Chloride	2.83	84	219019	17.742	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	207038	18.116	ug/l	94
22) Diisopropyl ether	3.83	45	803824	18.853	ug/l	96
23) Vinyl Acetate	3.78	43	3570265	92.486	ug/l	99
24) 1,1-Dichloroethane	3.67	63	405922	18.082	ug/l	99
25) 2-Butanone	4.64	43	876693	82.482	ug/l	97
26) 2,2-Dichloropropane	4.56	77	338415	18.366	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	240124	18.161	ug/l	97
28) Bromochloromethane	4.98	49	201948	18.842	ug/l	99
29) Tetrahydrofuran	5.09	42	564238	82.575	ug/l	100
30) Chloroform	5.17	83	399236	18.485	ug/l	97
31) Cyclohexane	5.55	56	369499	18.974	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	365384	18.694	ug/l	100
36) 1,1-Dichloropropene	5.77	75	304581	20.275	ug/l	99
37) Ethyl Acetate	4.80	43	354206	18.108	ug/l	99
38) Carbon Tetrachloride	5.76	117	319566	19.640	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	357961	20.666	ug/l	96
40) Benzene	6.11	78	859211	19.525	ug/l	99
41) Methacrylonitrile	5.00	41	203061	18.701	ug/l	99
42) 1,2-Dichloroethane	6.17	62	355452	20.109	ug/l	100
43) Isopropyl Acetate	6.42	43	610774	18.497	ug/l	100
44) Trichloroethene	7.19	130	238237	19.851	ug/l	98
45) 1,2-Dichloropropane	7.49	63	234329	19.465	ug/l	98
46) Dibromomethane	7.64	93	155956	19.749	ug/l	99
47) Bromodichloromethane	7.87	83	327466	19.461	ug/l	96
48) Methyl methacrylate	7.75	41	310012	18.796	ug/l	100
49) 1,4-Dioxane	7.72	88	96320	313.050	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1759593	94.029	ug/l	100
52) Toluene	8.76	92	554695	20.445	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	368013	18.648	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	389198	19.361	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	222812	20.045	ug/l	96
56) Ethyl methacrylate	9.16	69	379666	19.381	ug/l	99
57) 1,3-Dichloropropane	9.36	76	394050	19.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	932671	97.882	ug/l	99
59) 2-Hexanone	9.47	43	1318567	93.329	ug/l	100
60) Dibromochloromethane	9.56	129	260636	19.513	ug/l	99
61) 1,2-Dibromoethane	9.65	107	240018	19.859	ug/l	100
64) Tetrachloroethene	9.32	164	230565	20.235	ug/l	95
65) Chlorobenzene	10.12	112	592058	19.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	231763	19.267	ug/l	99
67) Ethyl Benzene	10.24	91	1081370	20.249	ug/l	99
68) m/p-Xylenes	10.34	106	808839	40.674	ug/l	99
69) o-Xylene	10.68	106	392365	19.967	ug/l	100
70) Styrene	10.70	104	682061	19.725	ug/l	99
71) Bromoform	10.84	173	197401	18.026	ug/l #	98
73) Isopropylbenzene	11.00	105	1074337	20.066	ug/l	99
74) N-amyl acetate	10.88	43	542579	18.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	333312	18.142	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	313409m	18.651	ug/l	
77) Bromobenzene	11.24	156	282260	19.764	ug/l	97
78) n-propylbenzene	11.34	91	1213717	19.825	ug/l	99
79) 2-Chlorotoluene	11.40	91	728619	19.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	899147	19.664	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	113258	16.172	ug/l	94
82) 4-Chlorotoluene	11.49	91	883657	20.087	ug/l	99
83) tert-Butylbenzene	11.76	119	893512	20.005	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	926023	19.873	ug/l	100
85) sec-Butylbenzene	11.93	105	1037111	20.077	ug/l	99
86) p-Isopropyltoluene	12.05	119	984845	20.537	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	506564	19.813	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	520519	19.988	ug/l	98
89) n-Butylbenzene	12.37	91	889612	20.528	ug/l	99
90) Hexachloroethane	12.58	117	175318	18.783	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	468650	18.731	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	82559	15.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	389976	19.705	ug/l	99
94) Hexachlorobutadiene	13.77	225	178325	18.925	ug/l	99
95) Naphthalene	13.82	128	1148073	19.017	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	381172	20.004	ug/l	96

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

