

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016086.D
 Acq On : 07 May 2020 11:34
 Operator : JC/SP
 Sample : VX0507WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:26 AM

Quant Time: May 08 03:46:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470992	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187926	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
35) Dibromofluoromethane	5.46	113	142599	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.70	98	567162	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	215464	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	61862	19.405	ug/l	99
3) Chloromethane	1.31	50	67803	18.314	ug/l	100
4) Vinyl Chloride	1.39	62	70680	17.894	ug/l	99
5) Bromomethane	1.63	94	46032	23.116	ug/l	99
6) Chloroethane	1.71	64	44426	18.485	ug/l	99
7) Trichlorofluoromethane	1.92	101	93707	18.070	ug/l	99
8) Diethyl Ether	2.17	74	39500	18.078	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	56896	19.017	ug/l	98
10) Methyl Iodide	2.49	142	69395	17.268	ug/l	99
11) Tert butyl alcohol	3.01	59	91869	91.665	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55992	17.884	ug/l	91
13) Acrolein	2.27	56	48410	77.189	ug/l	99
14) Allyl chloride	2.70	41	106105	18.483	ug/l	98
15) Acrylonitrile	3.11	53	193546	93.090	ug/l	99
16) Acetone	2.42	43	162668	91.986	ug/l	100
17) Carbon Disulfide	2.55	76	172741	18.241	ug/l	97
18) Methyl Acetate	2.75	43	85277	19.613	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	209385	19.400	ug/l	99
20) Methylene Chloride	2.83	84	66732	18.305	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	61483	17.622	ug/l	97
22) Diisopropyl ether	3.82	45	208974	19.296	ug/l	95
23) Vinyl Acetate	3.78	43	907196	95.212	ug/l	99
24) 1,1-Dichloroethane	3.67	63	113411	18.720	ug/l	100
25) 2-Butanone	4.63	43	268224	94.126	ug/l	100
26) 2,2-Dichloropropane	4.54	77	100258	18.121	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	71323	18.699	ug/l	99
28) Bromochloromethane	4.98	49	48754	17.648	ug/l	98
29) Tetrahydrofuran	5.09	42	175768	93.090	ug/l	99
30) Chloroform	5.17	83	114670	19.010	ug/l	100
31) Cyclohexane	5.54	56	104787	19.032	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	102798	18.748	ug/l	99
36) 1,1-Dichloropropene	5.77	75	85808	18.508	ug/l	99
37) Ethyl Acetate	4.79	43	104033	19.360	ug/l	100
38) Carbon Tetrachloride	5.75	117	90461	19.196	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	106760	19.121	ug/l	99
40) Benzene	6.11	78	257267	18.965	ug/l	98
41) Methacrylonitrile	4.99	41	55892	19.260	ug/l	99
42) 1,2-Dichloroethane	6.16	62	93725	19.180	ug/l	99
43) Isopropyl Acetate	6.41	43	164651	19.204	ug/l	99
44) Trichloroethene	7.19	130	96215	19.965	ug/l	98
45) 1,2-Dichloropropane	7.49	63	66923	19.497	ug/l	98
46) Dibromomethane	7.63	93	44882	19.241	ug/l	99
47) Bromodichloromethane	7.87	83	91783	19.320	ug/l	99
48) Methyl methacrylate	7.74	41	76694	18.878	ug/l	98
49) 1,4-Dioxane	7.71	88	36441	374.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	511605	97.512	ug/l	100
52) Toluene	8.76	92	163698	19.360	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	107331	18.948	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	113098	19.116	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	65557	19.706	ug/l	99
56) Ethyl methacrylate	9.16	69	104570	19.257	ug/l	99
57) 1,3-Dichloropropane	9.35	76	114097	19.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257811	89.179	ug/l	100
59) 2-Hexanone	9.47	43	393855	95.589	ug/l	99
60) Dibromochloromethane	9.57	129	70744	19.308	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70687	19.617	ug/l	100
64) Tetrachloroethene	9.32	164	105617	19.924	ug/l	98
65) Chlorobenzene	10.12	112	173768	19.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	64468	19.291	ug/l	99
67) Ethyl Benzene	10.23	91	308438	19.119	ug/l	98
68) m/p-Xylenes	10.34	106	235145	38.905	ug/l	100
69) o-Xylene	10.68	106	111711	19.228	ug/l	100
70) Styrene	10.70	104	189812	19.258	ug/l	100
71) Bromoform	10.84	173	53203	19.541	ug/l	99
73) Isopropylbenzene	11.00	105	298932	18.685	ug/l	100
74) N-amyl acetate	10.88	43	137050	18.365	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48997	17.972	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	96015m	19.236	ug/l	
77) Bromobenzene	11.24	156	76265	18.468	ug/l	99
78) n-propylbenzene	11.34	91	344107	18.489	ug/l	99
79) 2-Chlorotoluene	11.40	91	204624	18.626	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	255843	18.940	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38863	18.555	ug/l	99
82) 4-Chlorotoluene	11.49	91	241104	18.585	ug/l	99
83) tert-Butylbenzene	11.76	119	215774	18.536	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	258123	18.901	ug/l	99
85) sec-Butylbenzene	11.93	105	293860	18.696	ug/l	100
86) p-Isopropyltoluene	12.05	119	276681	18.960	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	137510	18.546	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140611	18.684	ug/l	98
89) n-Butylbenzene	12.37	91	242969	18.225	ug/l	100
90) Hexachloroethane	12.58	117	45593	18.192	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	132671	18.583	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22583	17.167	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	95584	18.083	ug/l	99
94) Hexachlorobutadiene	13.77	225	46491	20.736	ug/l	96
95) Naphthalene	13.82	128	320193	18.708	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97696	18.912	ug/l	99

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

