

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016325.D
 Acq On : 19 May 2020 11:41
 Operator : JC/SP
 Sample : VX0519WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:11:56 PM

Quant Time: May 20 04:15:36 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	241918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	388955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	141558	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	
35) Dibromofluoromethane	5.46	113	113331	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	8.70	98	440801	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
62) 4-Bromofluorobenzene	11.12	95	169800	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	48212	18.828	ug/l 99
3) Chloromethane	1.31	50	51583	17.346	ug/l 98
4) Vinyl Chloride	1.39	62	56249	17.729	ug/l 100
5) Bromomethane	1.63	94	32724	20.459	ug/l 98
6) Chloroethane	1.71	64	33827	17.523	ug/l 99
7) Trichlorofluoromethane	1.92	101	75609	18.152	ug/l 97
8) Diethyl Ether	2.17	74	33023	18.817	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43600	18.143	ug/l 98
10) Methyl Iodide	2.49	142	33471	10.369	ug/l 99
11) Tert butyl alcohol	3.01	59	69758	86.656	ug/l 100
12) 1,1-Dichloroethene	2.36	96	43851	17.437	ug/l 98
13) Acrolein	2.27	56	59271	117.662	ug/l 100
14) Allyl chloride	2.70	41	78938	17.120	ug/l 94
15) Acrylonitrile	3.11	53	152116	91.089	ug/l 100
16) Acetone	2.42	43	118485	83.417	ug/l 95
17) Carbon Disulfide	2.55	76	119943	15.741	ug/l 99
18) Methyl Acetate	2.75	43	67129	19.221	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	172259	19.870	ug/l 99
20) Methylene Chloride	2.83	84	53610	18.309	ug/l 93
21) trans-1,2-Dichloroethene	3.14	96	49902	17.807	ug/l 98
22) Diisopropyl ether	3.82	45	162339	18.662	ug/l 89
23) Vinyl Acetate	3.78	43	695537	90.883	ug/l 98
24) 1,1-Dichloroethane	3.67	63	92016	18.910	ug/l 99
25) 2-Butanone	4.63	43	205291	89.692	ug/l 95
26) 2,2-Dichloropropane	4.55	77	81529	18.346	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	59274	19.347	ug/l 96
28) Bromochloromethane	4.98	49	41629	18.761	ug/l 93
29) Tetrahydrofuran	5.09	42	134425	88.636	ug/l 96
30) Chloroform	5.18	83	93809	19.362	ug/l 100
31) Cyclohexane	5.54	56	75928	17.169	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	83513	18.963	ug/l 98
36) 1,1-Dichloropropene	5.77	75	68999	18.021	ug/l 100
37) Ethyl Acetate	4.79	43	79618	17.942	ug/l 98
38) Carbon Tetrachloride	5.75	117	73269	18.827	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	72714	15.770	ug/l	95
40) Benzene	6.11	78	215930	19.275	ug/l	97
41) Methacrylonitrile	4.99	41	44287	18.480	ug/l	98
42) 1,2-Dichloroethane	6.16	62	75362	18.675	ug/l	98
43) Isopropyl Acetate	6.41	43	127940	18.070	ug/l	97
44) Trichloroethene	7.19	130	72387	18.188	ug/l	100
45) 1,2-Dichloropropane	7.49	63	56054	19.775	ug/l	98
46) Dibromomethane	7.63	93	37406	19.418	ug/l	99
47) Bromodichloromethane	7.87	83	77100	19.652	ug/l	100
48) Methyl methacrylate	7.74	41	59596	17.763	ug/l	92
49) 1,4-Dioxane	7.71	88	28667	356.271	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	404047	93.254	ug/l	97
52) Toluene	8.76	92	138567	19.844	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	89279	19.086	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	94522	19.346	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	55476	20.193	ug/l	97
56) Ethyl methacrylate	9.16	69	87258	19.458	ug/l	94
57) 1,3-Dichloropropane	9.35	76	96531	20.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	213198	89.301	ug/l	100
59) 2-Hexanone	9.47	43	305476	89.777	ug/l	96
60) Dibromochloromethane	9.56	129	61408	20.295	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58506	19.661	ug/l	98
64) Tetrachloroethene	9.32	164	80863	18.535	ug/l	98
65) Chlorobenzene	10.12	112	147850	19.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	55193	20.068	ug/l	99
67) Ethyl Benzene	10.23	91	258411	19.464	ug/l	97
68) m/p-Xylenes	10.34	106	196990	39.602	ug/l	99
69) o-Xylene	10.68	106	92949	19.439	ug/l	98
70) Styrene	10.70	104	161345	19.890	ug/l	99
71) Bromoform	10.84	173	45604	20.352	ug/l #	98
73) Isopropylbenzene	11.00	105	247016	19.323	ug/l	100
74) N-amyl acetate	10.88	43	109022	18.284	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	56684	24.793	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81443m	20.421	ug/l	
77) Bromobenzene	11.24	156	63952	19.382	ug/l	99
78) n-propylbenzene	11.34	91	279435	18.790	ug/l	100
79) 2-Chlorotoluene	11.40	91	171073	19.488	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	204160	18.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	31473	18.806	ug/l	97
82) 4-Chlorotoluene	11.49	91	201486	19.437	ug/l	99
83) tert-Butylbenzene	11.76	119	170628	18.344	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	208830	19.138	ug/l	98
85) sec-Butylbenzene	11.93	105	210071	16.727	ug/l	100
86) p-Isopropyltoluene	12.05	119	201490	17.280	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	113209	19.108	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	113516	18.878	ug/l	97
89) n-Butylbenzene	12.37	91	161284	15.141	ug/l	100
90) Hexachloroethane	12.58	117	33754	16.855	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	113946	19.974	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18692	17.783	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	70973	16.804	ug/l	99
94) Hexachlorobutadiene	13.77	225	25457	14.374	ug/l	98
95) Naphthalene	13.82	128	254777	18.630	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	70487	17.076	ug/l	98

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

