

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016378.D
 Acq On : 21 May 2020 13:03
 Operator : JC/SP
 Sample : VX0521WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2020 4:02:55 PM

Quant Time: May 22 08:26:57 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	5.62	168	258655	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	411027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184815	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	150876	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
35) Dibromofluoromethane	5.46	113	128097	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	493050	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.12	95	186046	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	47448	17.331	ug/l	97
3) Chloromethane	1.31	50	50417	15.857	ug/l	98
4) Vinyl Chloride	1.39	62	57940	17.080	ug/l	100
5) Bromomethane	1.63	94	33130	19.372	ug/l	100
6) Chloroethane	1.71	64	34910	16.914	ug/l	98
7) Trichlorofluoromethane	1.92	101	78106	17.538	ug/l	98
8) Diethyl Ether	2.17	74	31568	16.824	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44286	17.236	ug/l	98
10) Methyl Iodide	2.49	142	36226	10.497	ug/l	99
11) Tert butyl alcohol	3.00	59	62195	72.262	ug/l	100
12) 1,1-Dichloroethene	2.36	96	46837	17.420	ug/l	98
13) Acrolein	2.27	56	44222	82.107	ug/l	98
14) Allyl chloride	2.70	41	77532	15.727	ug/l	94
15) Acrylonitrile	3.11	53	144317	80.827	ug/l	99
16) Acetone	2.42	43	112343	73.975	ug/l	93
17) Carbon Disulfide	2.55	76	130650	16.040	ug/l	99
18) Methyl Acetate	2.75	43	59891	16.039	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	164450	17.742	ug/l	99
20) Methylene Chloride	2.83	84	53856	17.202	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	51777	17.281	ug/l	95
22) Diisopropyl ether	3.82	45	155805	16.752	ug/l	98
23) Vinyl Acetate	3.78	43	667251	81.545	ug/l	97
24) 1,1-Dichloroethane	3.67	63	90869	17.466	ug/l	98
25) 2-Butanone	4.63	43	190118	77.688	ug/l	96
26) 2,2-Dichloropropane	4.55	77	82867	17.440	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	59254	18.089	ug/l	95
28) Bromochloromethane	4.98	49	37994	16.015	ug/l	91
29) Tetrahydrofuran	5.09	42	125016	77.098	ug/l	93
30) Chloroform	5.17	83	93391	18.028	ug/l	98
31) Cyclohexane	5.55	56	80026	16.925	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	83865	17.811	ug/l	98
36) 1,1-Dichloropropene	5.76	75	69225	17.110	ug/l	99
37) Ethyl Acetate	4.79	43	73719	15.720	ug/l	97
38) Carbon Tetrachloride	5.75	117	74030	18.001	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	77495	15.905	ug/l	97
40) Benzene	6.11	78	215376	18.193	ug/l	100
41) Methacrylonitrile	5.00	41	39687	15.671	ug/l	95
42) 1,2-Dichloroethane	6.16	62	72531	17.008	ug/l	98
43) Isopropyl Acetate	6.41	43	119538	15.976	ug/l	96
44) Trichloroethene	7.19	130	69712	16.575	ug/l	97
45) 1,2-Dichloropropane	7.49	63	54569	18.217	ug/l	98
46) Dibromomethane	7.63	93	36047	17.708	ug/l	97
47) Bromodichloromethane	7.87	83	74529	17.976	ug/l	97
48) Methyl methacrylate	7.74	41	55567	15.673	ug/l	93
49) 1,4-Dioxane	7.71	88	25205	296.424	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	371128	81.057	ug/l	96
52) Toluene	8.76	92	139308	18.879	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86222	17.442	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	92903	17.993	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	54055	18.619	ug/l	98
56) Ethyl methacrylate	9.16	69	85555	18.054	ug/l	90
57) 1,3-Dichloropropane	9.35	76	93711	18.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	204412	81.023	ug/l	98
59) 2-Hexanone	9.47	43	285044	79.274	ug/l	95
60) Dibromochloromethane	9.57	129	59364	18.566	ug/l	99
61) 1,2-Dibromoethane	9.65	107	57306	18.223	ug/l	100
64) Tetrachloroethene	9.32	164	78899	17.267	ug/l	96
65) Chlorobenzene	10.12	112	147065	18.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	54514	18.925	ug/l	99
67) Ethyl Benzene	10.23	91	258312	18.576	ug/l	100
68) m/p-Xylenes	10.34	106	198775	38.153	ug/l	99
69) o-Xylene	10.68	106	95178	19.005	ug/l	98
70) Styrene	10.70	104	158820	18.693	ug/l	99
71) Bromoform	10.84	173	43697	18.619	ug/l #	100
73) Isopropylbenzene	11.00	105	247882	18.440	ug/l	99
74) N-amyl acetate	10.88	43	100922	16.096	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	58921	24.542	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76329m	18.200	ug/l	
77) Bromobenzene	11.24	156	62637	18.053	ug/l	98
78) n-propylbenzene	11.34	91	274983	17.584	ug/l	99
79) 2-Chlorotoluene	11.40	91	167607	18.157	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	206141	18.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29301	16.650	ug/l	96
82) 4-Chlorotoluene	11.49	91	195407	17.927	ug/l	99
83) tert-Butylbenzene	11.76	119	173353	17.723	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	207964	18.124	ug/l	100
85) sec-Butylbenzene	11.93	105	213505	16.167	ug/l	100
86) p-Isopropyltoluene	12.05	119	201482	16.432	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	108316	17.386	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	112639	17.813	ug/l	99
89) n-Butylbenzene	12.37	91	163822	14.625	ug/l	99
90) Hexachloroethane	12.58	117	34331	16.303	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	108320	18.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17754	16.062	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	67620	15.225	ug/l	100
94) Hexachlorobutadiene	13.76	225	25798	13.872	ug/l	99
95) Naphthalene	13.82	128	235959	16.408	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	64561	14.874	ug/l	98

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

