

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016455.D
 Acq On : 27 May 2020 19:07
 Operator : JC/SP
 Sample : VX0527WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0527WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:10:36 PM

Quant Time: May 28 03:40:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	299565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	471788	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172720	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
35) Dibromofluoromethane	5.46	113	133945	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
50) Toluene-d8	8.70	98	537606	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.12	95	198414	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	56122	19.037	ug/l	99
3) Chloromethane	1.31	50	64795	18.188	ug/l	98
4) Vinyl Chloride	1.39	62	70725	18.772	ug/l	99
5) Bromomethane	1.63	94	41747	22.789	ug/l	99
6) Chloroethane	1.71	64	42721	19.439	ug/l	97
7) Trichlorofluoromethane	1.92	101	92686	18.732	ug/l	99
8) Diethyl Ether	2.17	74	37850	18.346	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	51168	18.790	ug/l	99
10) Methyl Iodide	2.49	142	46688	16.529	ug/l	99
11) Tert butyl alcohol	3.01	59	89013	93.307	ug/l	100
12) 1,1-Dichloroethene	2.36	96	53773	18.655	ug/l	98
13) Acrolein	2.27	56	33612	82.827	ug/l	98
14) Allyl chloride	2.71	41	103154	19.459	ug/l	99
15) Acrylonitrile	3.12	53	190056	97.257	ug/l	99
16) Acetone	2.42	43	158756	97.402	ug/l	99
17) Carbon Disulfide	2.55	76	163854	19.142	ug/l	99
18) Methyl Acetate	2.75	43	81433	19.480	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	199769	19.300	ug/l	97
20) Methylene Chloride	2.84	84	62480	18.528	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	60914	19.105	ug/l	96
22) Diisopropyl ether	3.82	45	196764	19.322	ug/l	99
23) Vinyl Acetate	3.79	43	870042	97.609	ug/l	100
24) 1,1-Dichloroethane	3.67	63	108912	18.949	ug/l	99
25) 2-Butanone	4.64	43	265594	96.166	ug/l	98
26) 2,2-Dichloropropane	4.55	77	92172	19.598	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	69484	18.838	ug/l	98
28) Bromochloromethane	4.98	49	52018	19.475	ug/l	100
29) Tetrahydrofuran	5.09	42	174952	98.053	ug/l	99
30) Chloroform	5.18	83	110938	19.156	ug/l	98
31) Cyclohexane	5.55	56	97975	18.948	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	99301	18.939	ug/l	99
36) 1,1-Dichloropropene	5.77	75	83080	18.599	ug/l	99
37) Ethyl Acetate	4.79	43	100407	18.722	ug/l	98
38) Carbon Tetrachloride	5.75	117	87925	18.730	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91646	18.889	ug/l	99
40) Benzene	6.12	78	252513	18.983	ug/l	100
41) Methacrylonitrile	5.01	41	54320	18.440	ug/l	99
42) 1,2-Dichloroethane	6.16	62	88812	18.774	ug/l	99
43) Isopropyl Acetate	6.42	43	158390	18.934	ug/l	100
44) Trichloroethene	7.19	130	78892	18.692	ug/l	98
45) 1,2-Dichloropropane	7.49	63	65003	19.195	ug/l	99
46) Dibromomethane	7.64	93	42610	18.733	ug/l	100
47) Bromodichloromethane	7.88	83	88748	18.844	ug/l	95
48) Methyl methacrylate	7.75	41	75190	18.773	ug/l	99
49) 1,4-Dioxane	7.71	88	33998	362.709	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	507253	97.386	ug/l	100
52) Toluene	8.77	92	159521	19.017	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	102713	19.179	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	108368	19.117	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63087	18.915	ug/l	97
56) Ethyl methacrylate	9.16	69	101232	18.637	ug/l	98
57) 1,3-Dichloropropane	9.35	76	108761	18.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	261539	92.247	ug/l	100
59) 2-Hexanone	9.48	43	392999	97.023	ug/l	99
60) Dibromochloromethane	9.57	129	68787	18.327	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66679	18.670	ug/l	99
64) Tetrachloroethene	9.32	164	90056	18.572	ug/l	97
65) Chlorobenzene	10.12	112	168713	19.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	62613	18.563	ug/l	98
67) Ethyl Benzene	10.24	91	300694	19.113	ug/l	99
68) m/p-Xylenes	10.34	106	224914	38.558	ug/l	99
69) o-Xylene	10.68	106	107724	19.069	ug/l	98
70) Styrene	10.70	104	186988	19.257	ug/l	100
71) Bromoform	10.84	173	51869	18.195	ug/l #	97
73) Isopropylbenzene	11.00	105	284130	19.033	ug/l	100
74) N-amyl acetate	10.88	43	132274	19.263	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	70752	18.911	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	90510m	19.112	ug/l	
77) Bromobenzene	11.24	156	72572	18.535	ug/l	98
78) n-propylbenzene	11.34	91	322139	19.315	ug/l	100
79) 2-Chlorotoluene	11.40	91	193745	19.031	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239839	19.241	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	35071	18.216	ug/l	98
82) 4-Chlorotoluene	11.49	91	229050	19.053	ug/l	100
83) tert-Butylbenzene	11.76	119	205142	19.261	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	241465	19.155	ug/l	100
85) sec-Butylbenzene	11.93	105	257052	19.239	ug/l	99
86) p-Isopropyltoluene	12.05	119	241979	19.334	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	127113	18.739	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	128502	18.522	ug/l	96
89) n-Butylbenzene	12.37	91	201431	19.322	ug/l	100
90) Hexachloroethane	12.58	117	40042	18.522	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	125455	19.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22596	18.646	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	83089	19.036	ug/l	99
94) Hexachlorobutadiene	13.76	225	34004	19.842	ug/l	98
95) Naphthalene	13.82	128	291089	19.454	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	84233	19.698	ug/l	96

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

