

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016454.D
 Acq On : 27 May 2020 18:45
 Operator : JC/SP
 Sample : VX0527WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:10:34 PM

Quant Time: May 28 03:37:30 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	294637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214009	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	177500	48.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.02%	
35) Dibromofluoromethane	5.47	113	137385	47.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.78%	
50) Toluene-d8	8.70	98	543265	48.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.12	95	203591	46.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	55477	19.133	ug/l	95
3) Chloromethane	1.31	50	67202	19.179	ug/l	99
4) Vinyl Chloride	1.39	62	71247	19.227	ug/l	95
5) Bromomethane	1.63	94	41046	22.781	ug/l	98
6) Chloroethane	1.71	64	42270	19.555	ug/l	98
7) Trichlorofluoromethane	1.92	101	92963	19.103	ug/l	100
8) Diethyl Ether	2.17	74	37439	18.450	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51765	19.327	ug/l	100
10) Methyl Iodide	2.49	142	43728	15.886	ug/l	99
11) Tert butyl alcohol	3.01	59	89085	94.945	ug/l	100
12) 1,1-Dichloroethene	2.36	96	53357	18.821	ug/l	96
13) Acrolein	2.27	56	34676	86.878	ug/l	99
14) Allyl chloride	2.71	41	102352	19.631	ug/l	100
15) Acrylonitrile	3.12	53	186303	96.931	ug/l	99
16) Acetone	2.42	43	155355	96.909	ug/l	98
17) Carbon Disulfide	2.55	76	162808	19.338	ug/l	100
18) Methyl Acetate	2.75	43	80665	19.619	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	197378	19.388	ug/l	98
20) Methylene Chloride	2.84	84	63339	19.097	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	60468	19.283	ug/l	97
22) Diisopropyl ether	3.83	45	198769	19.845	ug/l	91
23) Vinyl Acetate	3.79	43	872055	99.471	ug/l	99
24) 1,1-Dichloroethane	3.67	63	109130	19.304	ug/l	98
25) 2-Butanone	4.64	43	264935	97.532	ug/l	99
26) 2,2-Dichloropropane	4.56	77	93262	20.161	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	69080	19.042	ug/l	98
28) Bromochloromethane	4.98	49	51541	19.620	ug/l	99
29) Tetrahydrofuran	5.09	42	175323	99.904	ug/l	100
30) Chloroform	5.18	83	109863	19.287	ug/l	99
31) Cyclohexane	5.55	56	95870	18.851	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	99121	19.221	ug/l	99
36) 1,1-Dichloropropene	5.77	75	82445	18.495	ug/l	98
37) Ethyl Acetate	4.79	43	100979	18.868	ug/l	98
38) Carbon Tetrachloride	5.76	117	87683	18.718	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91153	18.827	ug/l	98
40) Benzene	6.12	78	252918	19.053	ug/l	99
41) Methacrylonitrile	5.00	41	54873	18.667	ug/l	99
42) 1,2-Dichloroethane	6.17	62	89227	18.901	ug/l	100
43) Isopropyl Acetate	6.42	43	158479	18.985	ug/l	99
44) Trichloroethene	7.19	130	78311	18.594	ug/l	99
45) 1,2-Dichloropropane	7.49	63	64519	19.092	ug/l	99
46) Dibromomethane	7.64	93	42257	18.617	ug/l	99
47) Bromodichloromethane	7.88	83	87887	18.700	ug/l	99
48) Methyl methacrylate	7.74	41	74123	18.545	ug/l	98
49) 1,4-Dioxane	7.71	88	33991	363.393	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	503070	96.785	ug/l	100
52) Toluene	8.77	92	161510	19.294	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	99644	18.645	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	106708	18.864	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62568	18.799	ug/l	99
56) Ethyl methacrylate	9.16	69	101930	18.805	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108896	19.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	273761	96.760	ug/l	100
59) 2-Hexanone	9.47	43	390394	96.581	ug/l	100
60) Dibromochloromethane	9.57	129	68961	18.412	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66012	18.521	ug/l	99
64) Tetrachloroethene	9.32	164	91609	18.850	ug/l	98
65) Chlorobenzene	10.12	112	166284	18.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	62745	18.560	ug/l	99
67) Ethyl Benzene	10.24	91	299522	18.996	ug/l	99
68) m/p-Xylenes	10.34	106	223900	38.299	ug/l	100
69) o-Xylene	10.68	106	106320	18.779	ug/l	99
70) Styrene	10.70	104	184499	18.959	ug/l	99
71) Bromoform	10.84	173	52045	18.216	ug/l #	99
73) Isopropylbenzene	11.00	105	283066	19.090	ug/l	99
74) N-amyl acetate	10.88	43	131295	19.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71356	19.201	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	92125m	19.584	ug/l	
77) Bromobenzene	11.24	156	72113	18.542	ug/l	98
78) n-propylbenzene	11.34	91	320726	19.360	ug/l	99
79) 2-Chlorotoluene	11.40	91	193902	19.175	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	238568	19.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	35410	18.517	ug/l	100
82) 4-Chlorotoluene	11.49	91	228076	19.100	ug/l	99
83) tert-Butylbenzene	11.76	119	202673	19.157	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	238175	19.021	ug/l	100
85) sec-Butylbenzene	11.93	105	253035	19.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	237922	19.138	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127593	18.936	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	130752	18.974	ug/l	98
89) n-Butylbenzene	12.37	91	197892	19.111	ug/l	99
90) Hexachloroethane	12.58	117	39338	18.319	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	126042	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22331	18.552	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	83751	19.318	ug/l	99
94) Hexachlorobutadiene	13.76	225	33171	19.487	ug/l	98
95) Naphthalene	13.82	128	289105	19.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83677	19.700	ug/l	95

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

