

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021819\
 Data File : VX007579.D
 Acq On : 18 Feb 2019 11:05
 Operator : JC/SP
 Sample : VX0218WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 11:01:12 AM

Quant Time: Feb 19 04:37:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	482367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	693780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	627234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	325813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	247685	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	5.50	113	225991	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	8.71	98	807907	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.13	95	288276	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96003	16.316	ug/l	95
3) Chloromethane	1.33	50	85969	15.823	ug/l	100
4) Vinyl Chloride	1.41	62	91846	17.231	ug/l	99
5) Bromomethane	1.64	94	83959	15.593	ug/l	97
6) Chloroethane	1.72	64	57017	16.536	ug/l	97
7) Trichlorofluoromethane	1.93	101	148785	17.844	ug/l	97
8) Diethyl Ether	2.19	74	54429	17.343	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86684	17.477	ug/l	97
10) Methyl Iodide	2.51	142	101239	13.876	ug/l	99
11) Tert butyl alcohol	3.06	59	101961	96.228	ug/l	97
12) 1,1-Dichloroethene	2.38	96	75653	16.426	ug/l	95
13) Acrolein	2.29	56	36346	73.151	ug/l	98
14) Allyl chloride	2.73	41	138000	18.389	ug/l	98
15) Acrylonitrile	3.15	53	242162	92.387	ug/l	99
16) Acetone	2.45	43	241627	103.026	ug/l	100
17) Carbon Disulfide	2.57	76	181055	16.517	ug/l	100
18) Methyl Acetate	2.78	43	137477	22.824	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	269990	18.095	ug/l	96
20) Methylene Chloride	2.86	84	87849	18.087	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	80533	16.415	ug/l	98
22) Diisopropyl ether	3.87	45	258443	18.723	ug/l	99
23) Vinyl Acetate	3.82	43	1073637	93.730	ug/l	100
24) 1,1-Dichloroethane	3.70	63	150612	19.000	ug/l	99
25) 2-Butanone	4.70	43	333775	100.003	ug/l	99
26) 2,2-Dichloropropane	4.58	77	114503	18.967	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	93366	17.423	ug/l	97
28) Bromochloromethane	5.01	49	72708	19.945	ug/l	99
29) Tetrahydrofuran	5.15	42	207183	98.698	ug/l	99
30) Chloroform	5.21	83	155016	18.740	ug/l	99
31) Cyclohexane	5.57	56	122760	17.242	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	132760	19.014	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106444	17.100	ug/l	99
37) Ethyl Acetate	4.85	43	118857	18.889	ug/l	99
38) Carbon Tetrachloride	5.78	117	115026	19.047	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130234	17.292	ug/l	99
40) Benzene	6.14	78	333864	18.208	ug/l	95
41) Methacrylonitrile	5.06	41	67286	19.951	ug/l	100
42) 1,2-Dichloroethane	6.20	62	115406	18.190	ug/l	98
43) Isopropyl Acetate	6.46	43	186567	19.209	ug/l	99
44) Trichloroethene	7.21	130	97394	17.636	ug/l	98
45) 1,2-Dichloropropane	7.51	63	87059	18.949	ug/l	98
46) Dibromomethane	7.66	93	60637	18.159	ug/l	98
47) Bromodichloromethane	7.90	83	109105	19.280	ug/l	98
48) Methyl methacrylate	7.77	41	94485	19.448	ug/l	99
49) 1,4-Dioxane	7.75	88	42681	390.526	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	628522	98.300	ug/l	100
52) Toluene	8.78	92	210762	17.815	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	115287	18.966	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129196	19.327	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92964	18.851	ug/l	96
56) Ethyl methacrylate	9.18	69	127895	18.725	ug/l	99
57) 1,3-Dichloropropane	9.37	76	145747	18.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	357266	99.239	ug/l	99
59) 2-Hexanone	9.49	43	487287	97.937	ug/l	99
60) Dibromochloromethane	9.58	129	92954	19.930	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96795	18.534	ug/l	99
64) Tetrachloroethene	9.34	164	102454	17.330	ug/l	97
65) Chlorobenzene	10.13	112	245819	17.959	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	90857	19.799	ug/l	98
67) Ethyl Benzene	10.25	91	404742	18.362	ug/l	98
68) m/p-Xylenes	10.36	106	313487	35.778	ug/l	97
69) o-Xylene	10.69	106	154441	18.318	ug/l	100
70) Styrene	10.71	104	248932	18.205	ug/l	99
71) Bromoform	10.85	173	69347	19.870	ug/l	100
73) Isopropylbenzene	11.02	105	421757	19.049	ug/l	98
74) N-amyl acetate	10.90	43	162586	18.985	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	134672	19.958	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	128886m	20.337	ug/l	
77) Bromobenzene	11.26	156	113930	18.263	ug/l	99
78) n-propylbenzene	11.36	91	466263	19.205	ug/l	100
79) 2-Chlorotoluene	11.42	91	275724	18.716	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	339141	18.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35945	20.277	ug/l	99
82) 4-Chlorotoluene	11.51	91	321372	18.853	ug/l	99
83) tert-Butylbenzene	11.77	119	337906	18.842	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	351915	19.136	ug/l	99
85) sec-Butylbenzene	11.94	105	420521	19.374	ug/l	100
86) p-Isopropyltoluene	12.06	119	372957	19.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201055	17.958	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	203515	17.918	ug/l	99
89) n-Butylbenzene	12.38	91	312851	18.561	ug/l	99
90) Hexachloroethane	12.60	117	61311	20.908	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202227	18.150	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27770	19.793	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137396	18.286	ug/l	100
94) Hexachlorobutadiene	13.78	225	68615	18.806	ug/l	99
95) Naphthalene	13.83	128	408694	18.600	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137650	18.199	ug/l	99

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

