

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050219\
 Data File : VX009275.D
 Acq On : 02 May 2019 16:04
 Operator : JC/SP
 Sample : VX0502WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:20:00 AM

Quant Time: May 03 03:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183680	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	287824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127351	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123575	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	89801	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	371032	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	134016	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32823	19.392	ug/l	98
3) Chloromethane	1.32	50	44682	19.335	ug/l	100
4) Vinyl Chloride	1.40	62	44295	19.657	ug/l	98
5) Bromomethane	1.64	94	27847	20.589	ug/l	98
6) Chloroethane	1.71	64	27201	18.801	ug/l	98
7) Trichlorofluoromethane	1.92	101	54793	20.004	ug/l	97
8) Diethyl Ether	2.18	74	25309	19.506	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34851	20.261	ug/l	99
10) Methyl Iodide	2.51	142	34448	20.247	ug/l	99
11) Tert butyl alcohol	3.04	59	57462	99.002	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33841	19.636	ug/l	96
13) Acrolein	2.29	56	33152	63.070	ug/l	99
14) Allyl chloride	2.73	41	80034	19.055	ug/l	99
15) Acrylonitrile	3.14	53	138275	97.435	ug/l	99
16) Acetone	2.44	43	126888	94.242	ug/l	97
17) Carbon Disulfide	2.57	76	89550	18.507	ug/l	99
18) Methyl Acetate	2.77	43	63002	19.676	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	131730	19.683	ug/l	99
20) Methylene Chloride	2.85	84	40948	18.783	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	35953	19.236	ug/l	100
22) Diisopropyl ether	3.85	45	159680	19.769	ug/l	98
23) Vinyl Acetate	3.81	43	694751	100.447	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77339	19.410	ug/l	100
25) 2-Butanone	4.67	43	208072	99.448	ug/l	100
26) 2,2-Dichloropropane	4.58	77	56858	19.171	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	42696	19.138	ug/l	99
28) Bromochloromethane	5.01	49	30252	17.055	ug/l	96
29) Tetrahydrofuran	5.13	42	135363	100.540	ug/l	100
30) Chloroform	5.20	83	70852	19.660	ug/l	99
31) Cyclohexane	5.57	56	74500	20.096	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	58558	19.519	ug/l	98
36) 1,1-Dichloropropene	5.79	75	53269	19.915	ug/l	99
37) Ethyl Acetate	4.83	43	75468	20.250	ug/l	99
38) Carbon Tetrachloride	5.78	117	47779	19.660	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67983	20.696	ug/l	98
40) Benzene	6.14	78	165471	19.989	ug/l	99
41) Methacrylonitrile	5.04	41	43097	19.427	ug/l	97
42) 1,2-Dichloroethane	6.19	62	59302	19.971	ug/l	100
43) Isopropyl Acetate	6.44	43	119258	20.006	ug/l	99
44) Trichloroethene	7.21	130	38171	19.074	ug/l	92
45) 1,2-Dichloropropane	7.51	63	47294	20.177	ug/l	100
46) Dibromomethane	7.66	93	26521	19.484	ug/l	98
47) Bromodichloromethane	7.90	83	53880	19.844	ug/l	96
48) Methyl methacrylate	7.77	41	58396	19.745	ug/l	97
49) 1,4-Dioxane	7.74	88	24684	411.556	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	397260	101.957	ug/l	100
52) Toluene	8.78	92	100387	19.950	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	61037	19.911	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67578	19.917	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	41203	20.071	ug/l	95
56) Ethyl methacrylate	9.18	69	74368	20.294	ug/l	98
57) 1,3-Dichloropropane	9.37	76	72229	19.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	190438	97.960	ug/l	100
59) 2-Hexanone	9.49	43	311369	101.750	ug/l	99
60) Dibromochloromethane	9.58	129	39678	19.789	ug/l	99
61) 1,2-Dibromoethane	9.67	107	40943	19.758	ug/l	99
64) Tetrachloroethene	9.34	164	36390	20.559	ug/l	98
65) Chlorobenzene	10.13	112	104161	20.179	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37151	19.852	ug/l	99
67) Ethyl Benzene	10.25	91	191170	20.124	ug/l	99
68) m/p-Xylenes	10.36	106	140612	40.504	ug/l	97
69) o-Xylene	10.69	106	69457	20.278	ug/l	100
70) Styrene	10.71	104	120890	20.307	ug/l	100
71) Bromoform	10.85	173	28996	19.066	ug/l #	100
73) Isopropylbenzene	11.02	105	186160	20.102	ug/l	99
74) N-amyl acetate	10.90	43	105481	19.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67274	19.487	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59056m	19.991	ug/l	
77) Bromobenzene	11.26	156	44761	19.473	ug/l	98
78) n-propylbenzene	11.36	91	215135	20.341	ug/l	99
79) 2-Chlorotoluene	11.42	91	127632	19.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	158776	20.362	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21318	18.464	ug/l	92
82) 4-Chlorotoluene	11.51	91	145922	19.796	ug/l	99
83) tert-Butylbenzene	11.77	119	152776	20.141	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	158408	20.239	ug/l	100
85) sec-Butylbenzene	11.94	105	183012	20.350	ug/l	100
86) p-Isopropyltoluene	12.06	119	167375	20.702	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81890	19.985	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80750	19.547	ug/l	97
89) n-Butylbenzene	12.38	91	150882	20.648	ug/l	100
90) Hexachloroethane	12.59	117	26967	19.578	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	82290	19.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15841	20.455	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59017	20.678	ug/l	100
94) Hexachlorobutadiene	13.78	225	30122	20.668	ug/l	99
95) Naphthalene	13.83	128	193995	20.892	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61632	21.303	ug/l	98

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

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