

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007690.D
 Acq On : 26 Feb 2019 02:55
 Operator : JC/SP
 Sample : VX0225WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:05:11 PM

Quant Time: Feb 26 04:50:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	419941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198703	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	188823	60.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.10%	
35) Dibromofluoromethane	5.50	113	162637	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
50) Toluene-d8	8.71	98	551277	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.13	95	200833	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	37307	16.086	ug/l	94
3) Chloromethane	1.33	50	54623	21.254	ug/l	96
4) Vinyl Chloride	1.41	62	48593	18.430	ug/l	96
5) Bromomethane	1.64	94	41626	24.263	ug/l	94
6) Chloroethane	1.73	64	34536	20.502	ug/l	98
7) Trichlorofluoromethane	1.93	101	65221	16.136	ug/l	99
8) Diethyl Ether	2.19	74	39515	23.820	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38193	15.633	ug/l	92
10) Methyl Iodide	2.51	142	69007	22.684	ug/l	95
11) Tert butyl alcohol	3.07	59	80040	135.275	ug/l	97
12) 1,1-Dichloroethene	2.38	96	41899	19.026	ug/l	94
13) Acrolein	2.30	56	57945	110.208	ug/l	98
14) Allyl chloride	2.73	41	87074	21.384	ug/l	99
15) Acrylonitrile	3.15	53	177204	127.264	ug/l	99
16) Acetone	2.45	43	158673	114.417	ug/l	99
17) Carbon Disulfide	2.57	76	111799	18.248	ug/l	100
18) Methyl Acetate	2.78	43	78210	25.845	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	191151	24.926	ug/l	98
20) Methylene Chloride	2.86	84	59025	23.050	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	49375	20.624	ug/l	93
22) Diisopropyl ether	3.87	45	197857	23.342	ug/l	95
23) Vinyl Acetate	3.82	43	865856	116.427	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105067	22.807	ug/l	99
25) 2-Butanone	4.70	43	255274	120.843	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50102	13.625	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	69345	22.764	ug/l	95
28) Bromochloromethane	5.02	49	55305	24.660	ug/l	94
29) Tetrahydrofuran	5.15	42	167442	120.248	ug/l	98
30) Chloroform	5.21	83	111746	22.645	ug/l	99
31) Cyclohexane	5.58	56	63736	14.708	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	77998	19.112	ug/l	97
36) 1,1-Dichloropropene	5.80	75	63241	15.669	ug/l	100
37) Ethyl Acetate	4.85	43	97019	21.639	ug/l	98
38) Carbon Tetrachloride	5.79	117	60881	15.016	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65352	12.811	ug/l	98
40) Benzene	6.14	78	244738	19.643	ug/l	95
41) Methacrylonitrile	5.06	41	51095	21.342	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88742	21.191	ug/l	96
43) Isopropyl Acetate	6.46	43	147726	21.409	ug/l	99
44) Trichloroethene	7.21	130	62888	18.349	ug/l	93
45) 1,2-Dichloropropane	7.52	63	63965	19.819	ug/l	98
46) Dibromomethane	7.66	93	46165	20.503	ug/l	93
47) Bromodichloromethane	7.90	83	79575	20.394	ug/l	98
48) Methyl methacrylate	7.77	41	74518	20.602	ug/l	98
49) 1,4-Dioxane	7.75	88	35460	453.908	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	503937	109.103	ug/l	100
52) Toluene	8.78	92	146023	18.586	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81883	18.736	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	92480	19.531	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	71670	21.876	ug/l	98
56) Ethyl methacrylate	9.18	69	100003	21.464	ug/l	98
57) 1,3-Dichloropropane	9.37	76	113041	21.554	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	266452	103.709	ug/l	99
59) 2-Hexanone	9.49	43	382693	105.534	ug/l	100
60) Dibromochloromethane	9.58	129	67612	21.447	ug/l	99
61) 1,2-Dibromoethane	9.67	107	75645	22.238	ug/l	98
64) Tetrachloroethene	9.34	164	61121	17.929	ug/l	97
65) Chlorobenzene	10.14	112	169456	18.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62679	19.784	ug/l	98
67) Ethyl Benzene	10.25	91	257173	17.093	ug/l	100
68) m/p-Xylenes	10.36	106	199699	34.118	ug/l	97
69) o-Xylene	10.69	106	104096	18.489	ug/l	98
70) Styrene	10.71	104	170028	18.373	ug/l	99
71) Bromoform	10.85	173	46058	19.387	ug/l #	99
73) Isopropylbenzene	11.02	105	243694	17.160	ug/l	100
74) N-amyl acetate	10.90	43	128132	20.777	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	106215	21.624	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	89475m	21.125	ug/l	
77) Bromobenzene	11.26	156	75842	21.292	ug/l	93
78) n-propylbenzene	11.36	91	268349	16.722	ug/l	99
79) 2-Chlorotoluene	11.42	91	175461	18.158	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	209630	17.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24521	17.590	ug/l	94
82) 4-Chlorotoluene	11.51	91	203284	17.984	ug/l	100
83) tert-Butylbenzene	11.77	119	193015	17.209	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	220320	18.438	ug/l	100
85) sec-Butylbenzene	11.94	105	225823	16.067	ug/l	99
86) p-Isopropyltoluene	12.06	119	204000	16.574	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126248	19.107	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	129058	19.072	ug/l	97
89) n-Butylbenzene	12.38	91	164639	14.998	ug/l	98
90) Hexachloroethane	12.60	117	33999	16.394	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	132513	20.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20346	19.011	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79198	19.626	ug/l	98
94) Hexachlorobutadiene	13.78	225	28488	15.432	ug/l	97
95) Naphthalene	13.83	128	285818	21.861	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	83244	20.544	ug/l	98

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

