

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004863.D
 Acq On : 01 Oct 2018 11:54
 Operator : JC/MD
 Sample : VX1001WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/4/2018 7:07:51 PM

Quant Time: Oct 02 04:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161361	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	128633	45.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.12%	
50) Toluene-d8	8.72	98	482294	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.14	95	177493	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64167	20.850	ug/l	98
3) Chloromethane	1.32	50	71219	19.074	ug/l	100
4) Vinyl Chloride	1.40	62	69721	19.909	ug/l	97
5) Bromomethane	1.64	94	45704	22.008	ug/l	98
6) Chloroethane	1.72	64	42960	21.168	ug/l	98
7) Trichlorofluoromethane	1.93	101	88401	20.390	ug/l	97
8) Diethyl Ether	2.19	74	37756	20.046	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49639	20.100	ug/l	99
10) Methyl Iodide	2.51	142	41960	12.697	ug/l	99
11) Tert butyl alcohol	3.07	59	87527	97.083	ug/l	99
12) 1,1-Dichloroethene	2.37	96	47250	19.319	ug/l	95
13) Acrolein	2.29	56	43031	67.083	ug/l	97
14) Allyl chloride	2.73	41	108134	20.264	ug/l	95
15) Acrylonitrile	3.15	53	201092	101.321	ug/l	99
16) Acetone	2.45	43	187653	99.685	ug/l	97
17) Carbon Disulfide	2.57	76	134893	18.355	ug/l	100
18) Methyl Acetate	2.78	43	105260	22.070	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	185247	21.959	ug/l	96
20) Methylene Chloride	2.85	84	59108	21.111	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	52013	19.427	ug/l	97
22) Diisopropyl ether	3.87	45	186414	20.745	ug/l	93
23) Vinyl Acetate	3.82	43	835164	101.535	ug/l	95
24) 1,1-Dichloroethane	3.70	63	103478	19.305	ug/l	99
25) 2-Butanone	4.70	43	269316	97.058	ug/l	96
26) 2,2-Dichloropropane	4.58	77	75012	20.096	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	57557	19.244	ug/l	94
28) Bromochloromethane	5.02	49	48919	19.380	ug/l	90
29) Tetrahydrofuran	5.15	42	171297	99.324	ug/l	92
30) Chloroform	5.21	83	99736	19.687	ug/l	98
31) Cyclohexane	5.57	56	80901	19.720	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	81062	19.593	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68484	17.582	ug/l	99
37) Ethyl Acetate	4.86	43	96521	18.668	ug/l	98
38) Carbon Tetrachloride	5.78	117	69283	16.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78304	19.687	ug/l	94
40) Benzene	6.14	78	218909	17.951	ug/l	99
41) Methacrylonitrile	5.06	41	52996	18.482	ug/l	96
42) 1,2-Dichloroethane	6.20	62	81408	18.884	ug/l	98
43) Isopropyl Acetate	6.46	43	140101	18.773	ug/l	96
44) Trichloroethene	7.21	130	57500	19.181	ug/l	94
45) 1,2-Dichloropropane	7.52	63	60444	20.212	ug/l	97
46) Dibromomethane	7.66	93	38889	20.692	ug/l	97
47) Bromodichloromethane	7.90	83	72807	20.691	ug/l	98
48) Methyl methacrylate	7.78	41	73584	21.724	ug/l	92
49) 1,4-Dioxane	7.76	88	28847	342.793	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	503846	107.225	ug/l	92
52) Toluene	8.79	92	136333	20.346	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	81380	20.466	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	88813	21.324	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	59021	20.108	ug/l	98
56) Ethyl methacrylate	9.18	69	85864	19.858	ug/l	93
57) 1,3-Dichloropropane	9.37	76	98254	20.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	245235	105.685	ug/l	93
59) 2-Hexanone	9.49	43	389347	99.432	ug/l	93
60) Dibromochloromethane	9.59	129	58474	19.920	ug/l	99
61) 1,2-Dibromoethane	9.67	107	61521	19.571	ug/l	98
64) Tetrachloroethene	9.34	164	57114	17.802	ug/l	97
65) Chlorobenzene	10.14	112	155611	18.617	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	56017	19.063	ug/l	98
67) Ethyl Benzene	10.26	91	248251	18.707	ug/l	98
68) m/p-Xylenes	10.36	106	198172	38.215	ug/l	96
69) o-Xylene	10.70	106	94645	19.871	ug/l	96
70) Styrene	10.71	104	161440	19.487	ug/l	98
71) Bromoform	10.86	173	46771	18.591	ug/l #	100
73) Isopropylbenzene	11.02	105	250878	20.068	ug/l	99
74) N-amyl acetate	10.90	43	121568	18.822	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	96041	18.873	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87449m	19.672	ug/l	
77) Bromobenzene	11.26	156	71341	19.647	ug/l	98
78) n-propylbenzene	11.36	91	290649	20.263	ug/l	99
79) 2-Chlorotoluene	11.42	91	176865	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	215585	18.692	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	25967	17.286	ug/l	98
82) 4-Chlorotoluene	11.51	91	209541	19.911	ug/l	99
83) tert-Butylbenzene	11.77	119	207055	20.117	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	223348	18.778	ug/l	97
85) sec-Butylbenzene	11.94	105	250645	19.993	ug/l	99
86) p-Isopropyltoluene	12.07	119	224408	19.757	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	128232	18.912	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132009	18.860	ug/l	99
89) n-Butylbenzene	12.39	91	195929	18.993	ug/l	96
90) Hexachloroethane	12.60	117	34412	18.196	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	129894	18.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20919	18.722	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	92906	18.691	ug/l	99
94) Hexachlorobutadiene	13.78	225	44688	17.338	ug/l	95
95) Naphthalene	13.83	128	292677	18.205	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98602	19.203	ug/l	97

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

