

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005095.D
 Acq On : 06 Oct 2018 05:06
 Operator : JC/MD
 Sample : VX1005WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:43 PM

Quant Time: Oct 06 07:00:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159829	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	5.50	113	129561	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	8.71	98	435575	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	11.14	95	161070	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57988	20.074	ug/l	96
3) Chloromethane	1.32	50	64262	18.336	ug/l	95
4) Vinyl Chloride	1.40	62	67206	20.445	ug/l	96
5) Bromomethane	1.64	94	42825	21.970	ug/l	95
6) Chloroethane	1.72	64	37106	19.283	ug/l #	85
7) Trichlorofluoromethane	1.93	101	87396	21.476	ug/l	98
8) Diethyl Ether	2.19	74	32926	18.625	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47056	20.300	ug/l	96
10) Methyl Iodide	2.51	142	47906	15.444	ug/l	94
11) Tert butyl alcohol	3.07	59	92062	108.788	ug/l	98
12) 1,1-Dichloroethene	2.37	96	44603	19.429	ug/l	95
13) Acrolein	2.29	56	13309	22.104	ug/l	90
14) Allyl chloride	2.72	41	96916	19.349	ug/l	95
15) Acrylonitrile	3.15	53	193290	103.756	ug/l	95
16) Acetone	2.45	43	172874	97.837	ug/l	94
17) Carbon Disulfide	2.56	76	120587	17.481	ug/l	100
18) Methyl Acetate	2.78	43	118479	26.465	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	172158	21.741	ug/l #	90
20) Methylene Chloride	2.85	84	56833	21.646	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	49966	19.883	ug/l	98
22) Diisopropyl ether	3.87	45	182177	21.599	ug/l	97
23) Vinyl Acetate	3.82	43	721510	93.451	ug/l	97
24) 1,1-Dichloroethane	3.69	63	101972	20.267	ug/l	99
25) 2-Butanone	4.70	43	263535	101.183	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	48861	13.946	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	55008	19.594	ug/l	94
28) Bromochloromethane	5.02	49	47374	19.995	ug/l	98
29) Tetrahydrofuran	5.15	42	175902	108.661	ug/l	96
30) Chloroform	5.21	83	94856	19.948	ug/l	87
31) Cyclohexane	5.57	56	76536	19.875	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	80074	20.619	ug/l	96
36) 1,1-Dichloropropene	5.79	75	63689	18.994	ug/l	96
37) Ethyl Acetate	4.86	43	90240	20.274	ug/l	97
38) Carbon Tetrachloride	5.78	117	67984	19.288	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64893	18.953	ug/l	86
40) Benzene	6.14	78	198698	18.928	ug/l	95
41) Methacrylonitrile	5.06	41	53305	21.595	ug/l	99
42) 1,2-Dichloroethane	6.20	62	74015	19.945	ug/l	100
43) Isopropyl Acetate	6.46	43	124394	19.363	ug/l	94
44) Trichloroethene	7.21	130	50891	19.720	ug/l	96
45) 1,2-Dichloropropane	7.52	63	53429	20.754	ug/l	94
46) Dibromomethane	7.66	93	32628	20.167	ug/l	98
47) Bromodichloromethane	7.90	83	62535	20.645	ug/l	98
48) Methyl methacrylate	7.78	41	62151	21.314	ug/l	99
49) 1,4-Dioxane	7.76	88	28435	392.519	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	442665	109.434	ug/l	99
52) Toluene	8.79	92	117102	20.301	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	62182	18.166	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	69709	19.443	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	49781	19.702	ug/l	95
56) Ethyl methacrylate	9.18	69	71855	19.384	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83388	19.829	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	220644	109.815	ug/l	100
59) 2-Hexanone	9.50	43	345854	102.603	ug/l	94
60) Dibromochloromethane	9.59	129	49346	19.528	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51806	19.145	ug/l	96
64) Tetrachloroethene	9.34	164	58633	21.309	ug/l	97
65) Chlorobenzene	10.14	112	130434	18.194	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	47965	19.031	ug/l	99
67) Ethyl Benzene	10.26	91	216283	19.003	ug/l	97
68) m/p-Xylenes	10.36	106	168757	37.943	ug/l	96
69) o-Xylene	10.70	106	80820	19.784	ug/l	99
70) Styrene	10.71	104	137332	19.345	ug/l	99
71) Bromoform	10.86	173	39396	18.258	ug/l #	96
73) Isopropylbenzene	11.02	105	221803	20.635	ug/l	100
74) N-amyl acetate	10.90	43	101938	18.399	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80761	18.458	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	74044m	19.372	ug/l	
77) Bromobenzene	11.26	156	60744	19.456	ug/l	99
78) n-propylbenzene	11.36	91	252675	20.488	ug/l	99
79) 2-Chlorotoluene	11.42	91	155321	20.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	186517	18.809	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18565	14.708	ug/l	95
82) 4-Chlorotoluene	11.51	91	183139	20.240	ug/l	99
83) tert-Butylbenzene	11.77	119	180311	20.375	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	194272	18.999	ug/l	98
85) sec-Butylbenzene	11.94	105	225426	20.913	ug/l	99
86) p-Isopropyltoluene	12.07	119	197610	20.234	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	112554	19.307	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	113937	18.932	ug/l	99
89) n-Butylbenzene	12.39	91	170263	19.196	ug/l	99
90) Hexachloroethane	12.60	117	30465	18.736	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	112478	18.462	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18757	19.524	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82511	19.307	ug/l	98
94) Hexachlorobutadiene	13.79	225	41577	18.761	ug/l	99
95) Naphthalene	13.83	128	256763	18.560	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87260	19.765	ug/l	99

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

