

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006834.D
 Acq On : 27 Dec 2018 11:36
 Operator : JC/MD
 Sample : VX1227WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 10:28:01 AM

Quant Time: Dec 28 03:57:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	568999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	761390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	382847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	292544	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	5.50	113	263245	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	969626	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	351790	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89210	17.138	ug/l	99
3) Chloromethane	1.33	50	101126	18.033	ug/l	100
4) Vinyl Chloride	1.41	62	109552	18.704	ug/l	99
5) Bromomethane	1.64	94	102325	17.474	ug/l	96
6) Chloroethane	1.72	64	71533	17.639	ug/l	98
7) Trichlorofluoromethane	1.93	101	171170	18.745	ug/l	100
8) Diethyl Ether	2.19	74	69059	19.041	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99962	18.644	ug/l	97
10) Methyl Iodide	2.51	142	128758	16.777	ug/l	100
11) Tert butyl alcohol	3.07	59	123826	90.477	ug/l	98
12) 1,1-Dichloroethene	2.37	96	95674	18.819	ug/l	98
13) Acrolein	2.30	56	88286	95.624	ug/l	99
14) Allyl chloride	2.73	41	164900	19.270	ug/l	99
15) Acrylonitrile	3.15	53	305611	100.573	ug/l	99
16) Acetone	2.45	43	277823	98.609	ug/l	100
17) Carbon Disulfide	2.57	76	203359	15.115	ug/l	99
18) Methyl Acetate	2.78	43	176900	21.353	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	351550	20.835	ug/l	98
20) Methylene Chloride	2.86	84	117487	20.166	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	101670	18.049	ug/l	97
22) Diisopropyl ether	3.87	45	329919	21.074	ug/l	97
23) Vinyl Acetate	3.82	43	1281799	100.099	ug/l	98
24) 1,1-Dichloroethane	3.70	63	178171	19.065	ug/l	99
25) 2-Butanone	4.70	43	383694	96.818	ug/l	99
26) 2,2-Dichloropropane	4.59	77	135481	18.767	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	120129	19.329	ug/l	97
28) Bromochloromethane	5.02	49	80611	19.325	ug/l	97
29) Tetrahydrofuran	5.15	42	249849	95.720	ug/l	97
30) Chloroform	5.21	83	187788	19.404	ug/l	95
31) Cyclohexane	5.58	56	140864	16.592	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	155896	19.078	ug/l	98
36) 1,1-Dichloropropene	5.80	75	131807	18.839	ug/l	99
37) Ethyl Acetate	4.85	43	145347	19.960	ug/l	99
38) Carbon Tetrachloride	5.78	117	129857	19.098	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	142040	15.421	ug/l	99
40) Benzene	6.14	78	419863	19.742	ug/l	97
41) Methacrylonitrile	5.06	41	83427	21.579	ug/l	98
42) 1,2-Dichloroethane	6.20	62	144761	19.976	ug/l	100
43) Isopropyl Acetate	6.46	43	234367	21.152	ug/l	98
44) Trichloroethene	7.21	130	123561	19.196	ug/l	97
45) 1,2-Dichloropropane	7.52	63	103444	19.988	ug/l	98
46) Dibromomethane	7.66	93	74572	19.590	ug/l	98
47) Bromodichloromethane	7.90	83	126386	19.998	ug/l	99
48) Methyl methacrylate	7.77	41	119706	21.245	ug/l	98
49) 1,4-Dioxane	7.75	88	48977	318.675	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	759108	107.677	ug/l	99
52) Toluene	8.78	92	270583	19.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135197	19.946	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	152794	20.544	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	116781	20.766	ug/l	98
56) Ethyl methacrylate	9.18	69	169462	21.320	ug/l	96
57) 1,3-Dichloropropane	9.37	76	182090	20.125	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	415110	98.247	ug/l	100
59) 2-Hexanone	9.49	43	575283	106.653	ug/l	99
60) Dibromochloromethane	9.58	129	107707	19.785	ug/l	97
61) 1,2-Dibromoethane	9.67	107	120262	20.117	ug/l	99
64) Tetrachloroethene	9.34	164	117410	19.474	ug/l	95
65) Chlorobenzene	10.14	112	313954	19.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106462	21.184	ug/l	99
67) Ethyl Benzene	10.25	91	510401	19.391	ug/l	100
68) m/p-Xylenes	10.36	106	403458	38.845	ug/l	99
69) o-Xylene	10.69	106	199729	19.474	ug/l	97
70) Styrene	10.71	104	328180	20.225	ug/l	100
71) Bromoform	10.86	173	77115	19.954	ug/l #	99
73) Isopropylbenzene	11.02	105	516078	19.704	ug/l	98
74) N-amyl acetate	10.90	43	214032	22.830	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	170560	21.897	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	160156m	22.510	ug/l	
77) Bromobenzene	11.26	156	147047	20.767	ug/l	98
78) n-propylbenzene	11.36	91	558340	19.359	ug/l	100
79) 2-Chlorotoluene	11.42	91	342971	19.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	409867	18.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	39406	19.661	ug/l	90
82) 4-Chlorotoluene	11.51	91	396588	19.781	ug/l	100
83) tert-Butylbenzene	11.77	119	401627	18.602	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	425567	18.755	ug/l	100
85) sec-Butylbenzene	11.94	105	473044	17.870	ug/l	100
86) p-Isopropyltoluene	12.06	119	421229	18.102	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	254852	19.970	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	255599	19.538	ug/l	99
89) n-Butylbenzene	12.38	91	340410	17.189	ug/l	99
90) Hexachloroethane	12.60	117	55801	17.606	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	252455	19.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30483	18.913	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	155561	17.665	ug/l	99
94) Hexachlorobutadiene	13.78	225	61082	14.716	ug/l	99
95) Naphthalene	13.83	128	482183	17.156	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	154793	17.025	ug/l	98

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

