

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004204.D
 Acq On : 22 Aug 2018 17:43
 Operator : JC/MD
 Sample : VX0822WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 9:40:28 AM

Quant Time: Aug 23 07:13:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	329477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	475569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211001	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	178086	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.71	98	654075	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.14	95	238017	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82204	21.54	ug/l	96
3) Chloromethane	1.32	50	87135	20.83	ug/l	100
4) Vinyl Chloride	1.40	62	89191	20.66	ug/l	99
5) Bromomethane	1.64	94	51477	23.10	ug/l	98
6) Chloroethane	1.72	64	60520	18.99	ug/l	97
7) Trichlorofluoromethane	1.93	101	118272	19.99	ug/l	96
8) Diethyl Ether	2.19	74	50661	20.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72689	19.62	ug/l	99
10) Methyl Iodide	2.51	142	70322	19.65	ug/l	100
11) Tert butyl alcohol	3.07	59	97458	106.47	ug/l	100
12) 1,1-Dichloroethene	2.37	96	68133	19.52	ug/l	98
13) Acrolein	2.29	56	22238	100.77	ug/l	98
14) Allyl chloride	2.73	41	129025	20.12	ug/l	99
15) Acrylonitrile	3.15	53	224198	98.90	ug/l	99
16) Acetone	2.45	43	190635	104.03	ug/l	98
17) Carbon Disulfide	2.57	76	186497	19.73	ug/l	99
18) Methyl Acetate	2.78	43	134905	21.17	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	230092	20.00	ug/l	97
20) Methylene Chloride	2.85	84	80465	19.47	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	73367	18.99	ug/l	99
22) Diisopropyl ether	3.87	45	237689	19.85	ug/l	97
23) Vinyl Acetate	3.82	43	981361	101.12	ug/l	100
24) 1,1-Dichloroethane	3.70	63	133874	19.19	ug/l	100
25) 2-Butanone	4.70	43	302854	103.58	ug/l	99
26) 2,2-Dichloropropane	4.58	77	102896	18.80	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	85485	19.51	ug/l	99
28) Bromochloromethane	5.02	49	64292	20.81	ug/l	100
29) Tetrahydrofuran	5.16	42	191282	103.67	ug/l	99
30) Chloroform	5.21	83	139323	19.91	ug/l	95
31) Cyclohexane	5.57	56	120796	20.06	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	117338	20.11	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106324	19.89	ug/l	100
37) Ethyl Acetate	4.86	43	110668	21.05	ug/l	100
38) Carbon Tetrachloride	5.78	117	101721	20.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116721	19.12	ug/l	97
40) Benzene	6.14	78	329226	20.61	ug/l	99
41) Methacrylonitrile	5.06	41	61768	20.27	ug/l	99
42) 1,2-Dichloroethane	6.20	62	110312	20.24	ug/l	99
43) Isopropyl Acetate	6.46	43	161409	19.98	ug/l	100
44) Trichloroethene	7.21	130	84321	19.07	ug/l	97
45) 1,2-Dichloropropane	7.52	63	80913	20.24	ug/l	99
46) Dibromomethane	7.67	93	52423	19.69	ug/l	100
47) Bromodichloromethane	7.90	83	97270	19.64	ug/l	99
48) Methyl methacrylate	7.78	41	85053	19.67	ug/l	99
49) 1,4-Dioxane	7.76	88	39812	405.59	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	561136	95.59	ug/l	100
52) Toluene	8.79	92	201820	20.18	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	105477	19.28	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	117847	19.77	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80701	19.99	ug/l	99
56) Ethyl methacrylate	9.18	69	107898	19.63	ug/l	100
57) 1,3-Dichloropropane	9.37	76	135703	19.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	293735	104.32	ug/l	100
59) 2-Hexanone	9.50	43	424285	94.73	ug/l	100
60) Dibromochloromethane	9.59	129	75518	19.20	ug/l	99
61) 1,2-Dibromoethane	9.67	107	83350	19.95	ug/l	99
64) Tetrachloroethene	9.34	164	80342	19.28	ug/l	99
65) Chlorobenzene	10.14	112	217139	20.50	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	70322	19.25	ug/l	98
67) Ethyl Benzene	10.25	91	340691	19.81	ug/l	93
68) m/p-Xylenes	10.36	106	269814	40.12	ug/l	98
69) o-Xylene	10.70	106	133347	20.96	ug/l	95
70) Styrene	10.71	104	214436	20.82	ug/l	99
71) Bromoform	10.86	173	56805	19.29	ug/l #	99
73) Isopropylbenzene	11.02	105	362027	21.06	ug/l	100
74) N-amyl acetate	10.90	43	136469	20.61	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123025	20.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	110606m	20.77	ug/l	
77) Bromobenzene	11.26	156	95970	19.90	ug/l	96
78) n-propylbenzene	11.36	91	422927	21.39	ug/l	99
79) 2-Chlorotoluene	11.42	91	255379	20.98	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	308726	21.68	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	32063	19.54	ug/l	95
82) 4-Chlorotoluene	11.51	91	297435	20.77	ug/l	99
83) tert-Butylbenzene	11.77	119	297583	20.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	318958	21.82	ug/l	99
85) sec-Butylbenzene	11.94	105	353084	20.76	ug/l	100
86) p-Isopropyltoluene	12.07	119	323608	21.23	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181723	20.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	185374	19.36	ug/l	99
89) n-Butylbenzene	12.39	91	230439	18.59	ug/l	99
90) Hexachloroethane	12.60	117	42738	20.06	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	164407	19.81	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21264	20.06	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	115362	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	52741	18.69	ug/l	95
95) Naphthalene	13.83	128	363572	21.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	129432	20.25	ug/l	98

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

