

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003619.D
 Acq On : 23 Jul 2018 22:43
 Operator : JC/SP
 Sample : VX0723WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 3:54:48 PM

Quant Time: Jul 24 08:31:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170656	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	5.51	113	154441	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	8.72	98	591028	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
62) 4-Bromofluorobenzene	11.14	95	214729	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45874	20.81	ug/l	97
3) Chloromethane	1.32	50	57956	20.96	ug/l	98
4) Vinyl Chloride	1.40	62	65398	18.92	ug/l	99
5) Bromomethane	1.64	94	35573	24.61	ug/l	96
6) Chloroethane	1.72	64	42837	20.94	ug/l	98
7) Trichlorofluoromethane	1.93	101	99530	21.58	ug/l	98
8) Diethyl Ether	2.19	74	42974	21.69	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62354	20.66	ug/l	97
10) Methyl Iodide	2.51	142	75243	20.75	ug/l	92
11) Tert butyl alcohol	3.08	59	80968	127.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59448	21.39	ug/l	84
13) Acrolein	2.29	56	19882	69.03	ug/l	98
14) Allyl chloride	2.73	41	99817	20.29	ug/l	86
15) Acrylonitrile	3.15	53	183572	113.11	ug/l	99
16) Acetone	2.45	43	147422	121.15	ug/l #	87
17) Carbon Disulfide	2.57	76	147436	19.61	ug/l	98
18) Methyl Acetate	2.78	43	93409	24.35	ug/l #	91
19) Methyl tert-butyl Ether	3.21	73	206770	22.78	ug/l	99
20) Methylene Chloride	2.86	84	69696	22.96	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	64261	20.78	ug/l	91
22) Diisopropyl ether	3.88	45	203202	21.95	ug/l	94
23) Vinyl Acetate	3.83	43	831220	108.99	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	120113	22.11	ug/l	99
25) 2-Butanone	4.71	43	241571	118.32	ug/l	91
26) 2,2-Dichloropropane	4.59	77	60393	14.64	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	74795	21.72	ug/l	94
28) Bromochloromethane	5.03	49	48123	20.27	ug/l #	82
29) Tetrahydrofuran	5.17	42	157007	116.42	ug/l	90
30) Chloroform	5.22	83	122386	23.07	ug/l	99
31) Cyclohexane	5.57	56	100404	20.69	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	103759	22.84	ug/l	97
36) 1,1-Dichloropropene	5.80	75	88200	21.64	ug/l	97
37) Ethyl Acetate	4.87	43	89275	23.15	ug/l #	93
38) Carbon Tetrachloride	5.78	117	93357	23.35	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103153	21.37	ug/l	93
40) Benzene	6.14	78	286050	23.25	ug/l	99
41) Methacrylonitrile	5.07	41	50399	22.24	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	91721	23.66	ug/l	94
43) Isopropyl Acetate	6.48	43	149309	24.34	ug/l #	93
44) Trichloroethene	7.22	130	84138	22.93	ug/l	99
45) 1,2-Dichloropropane	7.52	63	74286	23.78	ug/l	99
46) Dibromomethane	7.67	93	48673	24.20	ug/l	94
47) Bromodichloromethane	7.90	83	90332	24.53	ug/l	100
48) Methyl methacrylate	7.78	41	77062	24.91	ug/l #	84
49) 1,4-Dioxane	7.76	88	36273	517.48	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	506274	130.63	ug/l	91
52) Toluene	8.79	92	183142	23.65	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	104559	23.07	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	93583	22.96	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	76855	24.94	ug/l	98
56) Ethyl methacrylate	9.18	69	107516	24.77	ug/l #	83
57) 1,3-Dichloropropane	9.38	76	124334	24.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	221612	104.99	ug/l	97
59) 2-Hexanone	9.50	43	397307	138.36	ug/l	90
60) Dibromochloromethane	9.59	129	75737	24.83	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79310	24.82	ug/l	100
64) Tetrachloroethene	9.34	164	101701	22.59	ug/l	98
65) Chlorobenzene	10.14	112	211536	22.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	76331	23.30	ug/l	99
67) Ethyl Benzene	10.26	91	342657	22.38	ug/l	100
68) m/p-Xylenes	10.36	106	269897	44.97	ug/l	97
69) o-Xylene	10.70	106	129787	22.36	ug/l	97
70) Styrene	10.71	104	220634	23.11	ug/l	97
71) Bromoform	10.86	173	57940	22.76	ug/l	99
73) Isopropylbenzene	11.02	105	351361	22.95	ug/l	99
74) N-amyl acetate	6.48	43	149309	22.97	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	109803	24.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	97807m	24.60	ug/l	
77) Bromobenzene	11.26	156	97986	22.25	ug/l	98
78) n-propylbenzene	11.37	91	393082	23.10	ug/l	99
79) 2-Chlorotoluene	11.43	91	239590	23.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	288368	22.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25829	19.94	ug/l	94
82) 4-Chlorotoluene	11.51	91	274528	22.68	ug/l	98
83) tert-Butylbenzene	11.77	119	277100	22.49	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	298706	23.33	ug/l	98
85) sec-Butylbenzene	11.95	105	342983	22.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	304701	22.69	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	176854	21.85	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	179232	21.50	ug/l	99
89) n-Butylbenzene	12.39	91	250647	21.98	ug/l	100
90) Hexachloroethane	12.60	117	42767	22.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	178339	22.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21850	25.03	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121446	20.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	56892	20.23	ug/l	99
95) Naphthalene	13.83	128	354257	23.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125396	21.67	ug/l	100

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

