

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004216.D
 Acq On : 23 Aug 2018 10:35
 Operator : JC/MD
 Sample : VX0823WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2018 11:35:00 AM

Quant Time: Aug 24 05:31:39 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	371818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	526911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	497409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	290289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	228193	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.49	113	196933	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.71	98	747124	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	267603	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91041	21.14	ug/l	98
3) Chloromethane	1.32	50	90199	19.13	ug/l	99
4) Vinyl Chloride	1.40	62	96008	19.71	ug/l	97
5) Bromomethane	1.64	94	53082	20.93	ug/l	98
6) Chloroethane	1.72	64	66188	18.41	ug/l	97
7) Trichlorofluoromethane	1.93	101	131743	19.73	ug/l	95
8) Diethyl Ether	2.18	74	55951	19.57	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81932	19.59	ug/l	98
10) Methyl Iodide	2.51	142	66847	17.22	ug/l	98
11) Tert butyl alcohol	3.06	59	96499	93.41	ug/l	100
12) 1,1-Dichloroethene	2.37	96	75555	19.18	ug/l	97
13) Acrolein	2.29	56	21875	87.83	ug/l	96
14) Allyl chloride	2.73	41	136376	18.84	ug/l	99
15) Acrylonitrile	3.14	53	224748	87.85	ug/l	100
16) Acetone	2.44	43	192582	92.25	ug/l	99
17) Carbon Disulfide	2.57	76	206709	19.39	ug/l	99
18) Methyl Acetate	2.78	43	134018	18.64	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	254154	19.58	ug/l	99
20) Methylene Chloride	2.86	84	86029	18.44	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	82445	18.91	ug/l	98
22) Diisopropyl ether	3.87	45	249083	18.43	ug/l	95
23) Vinyl Acetate	3.82	43	1018199	92.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150136	19.07	ug/l	99
25) 2-Butanone	4.70	43	293099	88.42	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119219	19.30	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	94599	19.13	ug/l	98
28) Bromochloromethane	5.01	49	71143	20.41	ug/l	98
29) Tetrahydrofuran	5.15	42	184194	88.46	ug/l	98
30) Chloroform	5.21	83	148975	18.87	ug/l	97
31) Cyclohexane	5.57	56	133453	19.64	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126568	19.22	ug/l	99
36) 1,1-Dichloropropene	5.79	75	114270	19.29	ug/l	98
37) Ethyl Acetate	4.85	43	109558	18.81	ug/l	100
38) Carbon Tetrachloride	5.78	117	109446	19.64	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135494	20.03	ug/l	98
40) Benzene	6.14	78	343589	19.41	ug/l	99
41) Methacrylonitrile	5.06	41	62214	18.42	ug/l	98
42) 1,2-Dichloroethane	6.20	62	116056	19.22	ug/l	100
43) Isopropyl Acetate	6.46	43	169122	18.89	ug/l	99
44) Trichloroethene	7.21	130	94102	19.21	ug/l	98
45) 1,2-Dichloropropane	7.51	63	86498	19.53	ug/l	99
46) Dibromomethane	7.66	93	55121	18.69	ug/l	97
47) Bromodichloromethane	7.90	83	106410	19.39	ug/l	99
48) Methyl methacrylate	7.78	41	89781	18.74	ug/l	99
49) 1,4-Dioxane	7.75	88	41649	382.96	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	570989	87.79	ug/l	99
52) Toluene	8.78	92	221930	20.03	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	119137	19.65	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	131091	19.85	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	87181	19.49	ug/l	99
56) Ethyl methacrylate	9.18	69	119974	19.70	ug/l	99
57) 1,3-Dichloropropane	9.37	76	146787	19.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	328282	105.23	ug/l	100
59) 2-Hexanone	9.49	43	435987	87.86	ug/l	100
60) Dibromochloromethane	9.59	129	83727	19.21	ug/l	100
61) 1,2-Dibromoethane	9.67	107	90944	19.65	ug/l	98
64) Tetrachloroethene	9.34	164	91026	18.52	ug/l	99
65) Chlorobenzene	10.14	112	244793	19.61	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	81019	18.82	ug/l	99
67) Ethyl Benzene	10.25	91	388727	19.17	ug/l	97
68) m/p-Xylenes	10.36	106	313011	39.48	ug/l	99
69) o-Xylene	10.70	106	141523	18.87	ug/l	96
70) Styrene	10.71	104	240850	19.84	ug/l	99
71) Bromoform	10.86	173	59688	17.20	ug/l #	97
73) Isopropylbenzene	11.02	105	406720	21.33	ug/l	100
74) N-amyl acetate	10.90	43	142044	19.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	121250	18.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	115585m	19.58	ug/l	
77) Bromobenzene	11.26	156	102331	19.13	ug/l	97
78) n-propylbenzene	11.36	91	446174	20.35	ug/l	99
79) 2-Chlorotoluene	11.42	91	262196	19.43	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	316662	20.06	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34254	18.82	ug/l	97
82) 4-Chlorotoluene	11.51	91	300803	18.94	ug/l	99
83) tert-Butylbenzene	11.77	119	318190	20.03	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	347045	21.41	ug/l	97
85) sec-Butylbenzene	11.95	105	401814	21.30	ug/l	99
86) p-Isopropyltoluene	12.07	119	350764	20.75	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194061	19.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	209614	19.74	ug/l	98
89) n-Butylbenzene	12.39	91	313829	22.83	ug/l	100
90) Hexachloroethane	12.60	117	50419	21.34	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	206031	22.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23934	20.37	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	131697	19.67	ug/l	97
94) Hexachlorobutadiene	13.79	225	62198	19.88	ug/l	94
95) Naphthalene	13.83	128	393078	20.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	140867	19.87	ug/l	98

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

