

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006192.D
 Acq On : 26 Nov 2018 23:37
 Operator : JC/MD
 Sample : VX1126WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:50 AM

Quant Time: Nov 27 04:25:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389355	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200886	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166483	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	5.50	113	132951	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	8.71	98	498542	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.14	95	178351	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38104	19.49	ug/l	97
3) Chloromethane	1.32	50	48235	19.53	ug/l	99
4) Vinyl Chloride	1.40	62	48930	19.47	ug/l	96
5) Bromomethane	1.64	94	30952	18.54	ug/l	99
6) Chloroethane	1.72	64	38654	36.92	ug/l	97
7) Trichlorofluoromethane	1.93	101	80913	24.62	ug/l	96
8) Diethyl Ether	2.19	74	32253	23.21	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43245	22.19	ug/l	99
10) Methyl Iodide	2.51	142	40035	16.38	ug/l	99
11) Tert butyl alcohol	3.07	59	71142	109.68	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41951	22.08	ug/l	96
13) Acrolein	2.29	56	38629	99.53	ug/l	98
14) Allyl chloride	2.73	41	76805	19.76	ug/l	100
15) Acrylonitrile	3.15	53	150374	104.96	ug/l	100
16) Acetone	2.45	43	153763	113.64	ug/l	97
17) Carbon Disulfide	2.57	76	104181	20.31	ug/l	98
18) Methyl Acetate	2.78	43	78097	22.51	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	136884	20.84	ug/l	96
20) Methylene Chloride	2.85	84	44108	21.34	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41085	20.67	ug/l	95
22) Diisopropyl ether	3.87	45	176416	21.20	ug/l	91
23) Vinyl Acetate	3.82	43	753788	109.18	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94319	24.06	ug/l	98
25) 2-Butanone	4.70	43	261556	104.15	ug/l	100
26) 2,2-Dichloropropane	4.58	77	58857	18.22	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	54787	19.72	ug/l	98
28) Bromochloromethane	5.02	49	48189	21.09	ug/l	99
29) Tetrahydrofuran	5.15	42	166469	106.26	ug/l	99
30) Chloroform	5.21	83	97994	20.63	ug/l	98
31) Cyclohexane	5.57	56	75173	18.36	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	82475	21.50	ug/l	100
36) 1,1-Dichloropropene	5.80	75	67739	19.12	ug/l	99
37) Ethyl Acetate	4.85	43	93432	20.50	ug/l	100
38) Carbon Tetrachloride	5.79	117	70526	21.18	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70835	17.55	ug/l	94
40) Benzene	6.14	78	210710	20.19	ug/l	98
41) Methacrylonitrile	5.06	41	51206	20.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	80272	20.57	ug/l	99
43) Isopropyl Acetate	6.46	43	133508	20.29	ug/l	99
44) Trichloroethene	7.21	130	56470	19.47	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57932	20.98	ug/l	96
46) Dibromomethane	7.66	93	38801	20.51	ug/l	99
47) Bromodichloromethane	7.90	83	73134	20.91	ug/l	99
48) Methyl methacrylate	7.77	41	71210	21.33	ug/l	99
49) 1,4-Dioxane	7.75	88	31816	401.77	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	498460	105.65	ug/l	100
52) Toluene	8.79	92	134409	20.82	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	73650	20.18	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	80527	19.95	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	56504	20.21	ug/l	95
56) Ethyl methacrylate	9.18	69	77561	19.66	ug/l	98
57) 1,3-Dichloropropane	9.37	76	93275	20.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	231525	99.45	ug/l	100
59) 2-Hexanone	9.49	43	389628	104.06	ug/l	99
60) Dibromochloromethane	9.59	129	57258	20.89	ug/l	99
61) 1,2-Dibromoethane	9.67	107	60316	20.94	ug/l	100
64) Tetrachloroethene	9.34	164	61691	20.35	ug/l	97
65) Chlorobenzene	10.14	112	150894	19.97	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	53968	20.81	ug/l	100
67) Ethyl Benzene	10.25	91	249336	20.15	ug/l	99
68) m/p-Xylenes	10.36	106	191693	39.79	ug/l	99
69) o-Xylene	10.70	106	91259	19.83	ug/l	99
70) Styrene	10.71	104	155401	20.71	ug/l	100
71) Bromoform	10.86	173	45729	19.69	ug/l #	99
73) Isopropylbenzene	11.02	105	253527	20.86	ug/l	100
74) N-amyl acetate	10.90	43	113289	19.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92382	20.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86808m	20.99	ug/l	
77) Bromobenzene	11.26	156	69001	20.26	ug/l	99
78) n-propylbenzene	11.36	91	286023	20.21	ug/l	100
79) 2-Chlorotoluene	11.42	91	175354	20.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	209682	20.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23564	19.27	ug/l	99
82) 4-Chlorotoluene	11.51	91	204189	20.43	ug/l	98
83) tert-Butylbenzene	11.77	119	203186	20.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	221950	21.23	ug/l	100
85) sec-Butylbenzene	11.94	105	247595	20.23	ug/l	99
86) p-Isopropyltoluene	12.07	119	218734	20.05	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	124930	19.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129343	19.87	ug/l	99
89) n-Butylbenzene	12.39	91	185322	18.76	ug/l	98
90) Hexachloroethane	12.60	117	36342	20.87	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	127258	19.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21933	20.64	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	88602	19.60	ug/l	98
94) Hexachlorobutadiene	13.79	225	41796	18.97	ug/l	99
95) Naphthalene	13.83	128	277246	20.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91605	19.87	ug/l	99

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

