

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005775.D
 Acq On : 05 Nov 2018 13:51
 Operator : JC/MD
 Sample : VX1105WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:26:58 AM

Quant Time: Nov 06 01:19:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	155453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	236039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	100505	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
35) Dibromofluoromethane	5.49	113	78160	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.71	98	280502	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.14	95	101282	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36173	20.143	ug/l	95
3) Chloromethane	1.32	50	38973	18.399	ug/l	98
4) Vinyl Chloride	1.41	62	43623	19.795	ug/l	96
5) Bromomethane	1.64	94	35835	13.104	ug/l	96
6) Chloroethane	1.72	64	25747	19.999	ug/l	98
7) Trichlorofluoromethane	1.93	101	52434	18.536	ug/l	96
8) Diethyl Ether	2.19	74	22798	17.930	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32375	18.842	ug/l	92
10) Methyl Iodide	2.51	142	32307	20.508	ug/l	99
11) Tert butyl alcohol	3.06	59	55810	90.422	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29939	17.881	ug/l	86
13) Acrolein	2.29	56	29460	75.642	ug/l	97
14) Allyl chloride	2.73	41	62827	18.147	ug/l	97
15) Acrylonitrile	3.15	53	126471	93.182	ug/l	98
16) Acetone	2.45	43	111004	88.985	ug/l	98
17) Carbon Disulfide	2.57	76	84049	16.336	ug/l	100
18) Methyl Acetate	2.78	43	60211	18.460	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	106562	18.387	ug/l	96
20) Methylene Chloride	2.86	84	36076	18.407	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	31037	17.519	ug/l	88
22) Diisopropyl ether	3.87	45	111941	17.430	ug/l #	85
23) Vinyl Acetate	3.82	43	508239	90.857	ug/l	99
24) 1,1-Dichloroethane	3.69	63	65694	18.090	ug/l	97
25) 2-Butanone	4.70	43	165991	86.580	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48982	18.044	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	35924	18.045	ug/l	99
28) Bromochloromethane	5.01	49	25583	14.440	ug/l	98
29) Tetrahydrofuran	5.15	42	100608	85.976	ug/l	91
30) Chloroform	5.21	83	62408	17.577	ug/l	98
31) Cyclohexane	5.57	56	52231	17.200	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	49888	17.557	ug/l	97
36) 1,1-Dichloropropene	5.79	75	46803	18.611	ug/l	98
37) Ethyl Acetate	4.85	43	58881	18.352	ug/l	98
38) Carbon Tetrachloride	5.78	117	43459	19.128	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47211	18.001	ug/l	95
40) Benzene	6.15	78	137800	18.419	ug/l	100
41) Methacrylonitrile	5.06	41	31755	18.318	ug/l	95
42) 1,2-Dichloroethane	6.20	62	49906	18.047	ug/l	100
43) Isopropyl Acetate	6.46	43	85154	18.286	ug/l	98
44) Trichloroethene	7.21	130	33083	19.119	ug/l	90
45) 1,2-Dichloropropane	7.52	63	36861	19.226	ug/l	100
46) Dibromomethane	7.66	93	23525	19.200	ug/l	87
47) Bromodichloromethane	7.90	83	42985	18.703	ug/l	98
48) Methyl methacrylate	7.77	41	40994	18.189	ug/l	97
49) 1,4-Dioxane	7.75	88	17704	352.758	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	294137	92.635	ug/l	98
52) Toluene	8.78	92	79669	19.687	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	46142	18.525	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	51157	19.170	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	33213	18.899	ug/l	99
56) Ethyl methacrylate	9.18	69	47489	17.603	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56454	18.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145422	92.616	ug/l	95
59) 2-Hexanone	9.49	43	230677	89.271	ug/l	97
60) Dibromochloromethane	9.59	129	31303	18.433	ug/l	100
61) 1,2-Dibromoethane	9.67	107	33473	18.692	ug/l	98
64) Tetrachloroethene	9.34	164	30866	19.653	ug/l	95
65) Chlorobenzene	10.14	112	84813	18.566	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	30021	19.197	ug/l	97
67) Ethyl Benzene	10.25	91	145893	18.713	ug/l	97
68) m/p-Xylenes	10.36	106	110633	38.189	ug/l	97
69) o-Xylene	10.70	106	51833	18.707	ug/l	96
70) Styrene	10.71	104	88716	19.278	ug/l	98
71) Bromoform	10.86	173	22946	18.110	ug/l #	98
73) Isopropylbenzene	11.02	105	144308	19.623	ug/l	100
74) N-amyl acetate	10.90	43	69733	17.810	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	56191	18.417	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	53425m	19.243	ug/l	
77) Bromobenzene	11.26	156	36201	19.843	ug/l	88
78) n-propylbenzene	11.36	91	174650	19.522	ug/l	96
79) 2-Chlorotoluene	11.42	91	103406	19.352	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	123300	19.746	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15612	18.168	ug/l	96
82) 4-Chlorotoluene	11.51	91	123331	19.333	ug/l	97
83) tert-Butylbenzene	11.77	119	115851	19.444	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	127380	20.201	ug/l	97
85) sec-Butylbenzene	11.94	105	146458	19.163	ug/l	98
86) p-Isopropyltoluene	12.07	119	126846	19.515	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67124	19.029	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	69252	18.275	ug/l	97
89) n-Butylbenzene	12.39	91	120299	18.343	ug/l	97
90) Hexachloroethane	12.60	117	20769	18.010	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	67588	18.340	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12761	17.832	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45836	19.393	ug/l	99
94) Hexachlorobutadiene	13.78	225	22068	19.300	ug/l	100
95) Naphthalene	13.83	128	149914	19.286	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	47970	19.936	ug/l	98

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

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