

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\
 Data File : VX005583.D
 Acq On : 25 Oct 2018 12:30
 Operator : JC/MD
 Sample : VX1025WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 10:02:50 AM

Quant Time: Oct 26 05:54:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130998	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.50	113	101724	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	394024	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	11.14	95	145649	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	55249	25.758	ug/l 100
3) Chloromethane	1.32	50	60501	22.149	ug/l 99
4) Vinyl Chloride	1.40	62	58406	21.745	ug/l 100
5) Bromomethane	1.64	94	35314	21.130	ug/l 100
6) Chloroethane	1.72	64	34113	19.881	ug/l 99
7) Trichlorofluoromethane	1.93	101	79426	21.282	ug/l 97
8) Diethyl Ether	2.19	74	29624	19.890	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45095	21.059	ug/l 100
10) Methyl Iodide	2.51	142	41478	20.262	ug/l 100
11) Tert butyl alcohol	3.06	59	73324	102.720	ug/l 99
12) 1,1-Dichloroethene	2.37	96	40845	20.023	ug/l 96
13) Acrolein	2.29	56	28919	79.420	ug/l 99
14) Allyl chloride	2.73	41	91155	20.023	ug/l 99
15) Acrylonitrile	3.15	53	157877	98.632	ug/l 99
16) Acetone	2.44	43	154935	110.533	ug/l 99
17) Carbon Disulfide	2.57	76	127086	20.438	ug/l 99
18) Methyl Acetate	2.78	43	74255	20.584	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	145450	19.989	ug/l 99
20) Methylene Chloride	2.85	84	48188	20.526	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	44700	20.070	ug/l 99
22) Diisopropyl ether	3.87	45	162789	20.476	ug/l 96
23) Vinyl Acetate	3.82	43	742087	105.986	ug/l 99
24) 1,1-Dichloroethane	3.70	63	87426	20.227	ug/l 99
25) 2-Butanone	4.70	43	215179	100.810	ug/l 100
26) 2,2-Dichloropropane	4.58	77	65329	19.577	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	45599	18.991	ug/l 97
28) Bromochloromethane	5.01	49	42332	20.249	ug/l 100
29) Tetrahydrofuran	5.15	42	135308	97.408	ug/l 99
30) Chloroform	5.21	83	79892	19.760	ug/l 97
31) Cyclohexane	5.57	56	71957	20.121	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	69873	19.581	ug/l 99
36) 1,1-Dichloropropene	5.80	75	59785	20.080	ug/l 98
37) Ethyl Acetate	4.85	43	75830	19.959	ug/l 99
38) Carbon Tetrachloride	5.78	117	62053	19.789	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69695	21.199	ug/l	95
40) Benzene	6.14	78	176176	20.642	ug/l	96
41) Methacrylonitrile	5.06	41	41668	19.689	ug/l	99
42) 1,2-Dichloroethane	6.20	62	66112	20.391	ug/l	100
43) Isopropyl Acetate	6.46	43	108962	19.139	ug/l	98
44) Trichloroethene	7.21	130	48544	20.878	ug/l	100
45) 1,2-Dichloropropane	7.51	63	47716	20.795	ug/l	97
46) Dibromomethane	7.66	93	30136	20.335	ug/l	100
47) Bromodichloromethane	7.90	83	59670	20.745	ug/l	99
48) Methyl methacrylate	7.77	41	58119	20.955	ug/l	99
49) 1,4-Dioxane	7.75	88	25504	420.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	399126	104.313	ug/l	99
52) Toluene	8.78	92	110240	21.253	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	64055	20.605	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70839	21.166	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45263	20.698	ug/l	99
56) Ethyl methacrylate	9.18	69	66793	20.477	ug/l	99
57) 1,3-Dichloropropane	9.37	76	76579	20.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	195988	107.579	ug/l	100
59) 2-Hexanone	9.49	43	320693	106.302	ug/l	99
60) Dibromochloromethane	9.59	129	47002	20.600	ug/l	100
61) 1,2-Dibromoethane	9.67	107	48803	21.571	ug/l	97
64) Tetrachloroethene	9.34	164	50417	21.082	ug/l	99
65) Chlorobenzene	10.14	112	124299	20.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45342	20.270	ug/l	100
67) Ethyl Benzene	10.25	91	206929	20.502	ug/l	99
68) m/p-Xylenes	10.36	106	163308	41.704	ug/l	99
69) o-Xylene	10.70	106	76268	20.702	ug/l	98
70) Styrene	10.71	104	129739	21.037	ug/l	100
71) Bromoform	10.86	173	37561	18.818	ug/l	99
73) Isopropylbenzene	11.02	105	212474	21.495	ug/l	99
74) N-amyl acetate	10.90	43	98483	20.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72046	19.756	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	70419m	20.554	ug/l	
77) Bromobenzene	11.26	156	58054	21.074	ug/l	97
78) n-propylbenzene	11.36	91	248617	21.996	ug/l	99
79) 2-Chlorotoluene	11.42	91	149505	21.333	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	181761	21.495	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20905	19.937	ug/l	96
82) 4-Chlorotoluene	11.51	91	175696	21.261	ug/l	100
83) tert-Butylbenzene	11.77	119	174444	20.696	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	189223	22.080	ug/l	99
85) sec-Butylbenzene	11.94	105	216257	21.502	ug/l	100
86) p-Isopropyltoluene	12.07	119	196786	21.887	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	105783	20.421	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	106869	19.764	ug/l	97
89) n-Butylbenzene	12.39	91	172081	21.201	ug/l	100
90) Hexachloroethane	12.60	117	30710	19.804	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	104480	19.935	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17386	19.718	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	78775	20.735	ug/l	100
94) Hexachlorobutadiene	13.79	225	40715	20.680	ug/l	99
95) Naphthalene	13.83	128	232034	21.011	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	80317	20.855	ug/l	99

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

