

Data File : VX002468.D
Acq On : 12 Jun 2018 15:58
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM

Quant Time: Jun 13 01:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174592	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.51	113	133014	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.72	98	510643	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	11.14	95	190365	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	49407	19.329	ug/l	98
3) Chloromethane	1.32	50	58892	18.287	ug/l	98
4) Vinyl Chloride	1.41	62	66740	20.718	ug/l	100
5) Bromomethane	1.64	94	39421	19.594	ug/l	98
6) Chloroethane	1.72	64	45043	21.616	ug/l	100
7) Trichlorofluoromethane	1.93	101	116429	23.721	ug/l	97
8) Diethyl Ether	2.19	74	42313	22.964	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66433	25.081	ug/l	99
10) Methyl Iodide	2.51	142	64086	17.202	ug/l	99
11) Tert butyl alcohol	3.07	59	84937	106.507	ug/l	96
12) 1,1-Dichloroethene	2.37	96	57894	22.117	ug/l	96
13) Acrolein	2.30	56	27119	70.679	ug/l	96
14) Allyl chloride	2.73	41	115887	20.400	ug/l	98
15) Acrylonitrile	3.15	53	183191	117.273	ug/l	100
16) Acetone	2.45	43	204472	125.681	ug/l	99
17) Carbon Disulfide	2.57	76	122912	17.816	ug/l	98
18) Methyl Acetate	2.78	43	91716	24.670	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	224415	23.345	ug/l	100
20) Methylene Chloride	2.86	84	66620	22.439	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	61878	21.436	ug/l	94
22) Diisopropyl ether	3.88	45	204369	20.663	ug/l	98
23) Vinyl Acetate	3.83	43	873789	94.885	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121654	21.668	ug/l	99
25) 2-Butanone	4.71	43	240489	99.751	ug/l	100
26) 2,2-Dichloropropane	4.59	77	83706	19.073	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61683	19.649	ug/l	98
28) Bromochloromethane	5.02	49	58153	22.388	ug/l	99
29) Tetrahydrofuran	5.17	42	149715	96.318	ug/l	98
30) Chloroform	5.23	83	109493	20.210	ug/l	98
31) Cyclohexane	5.57	56	90653	20.419	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	93601	20.372	ug/l	99
36) 1,1-Dichloropropene	5.81	75	77103	20.535	ug/l	99
37) Ethyl Acetate	4.87	43	90994	20.152	ug/l	100
38) Carbon Tetrachloride	5.79	117	81289	20.695	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91720	19.932	ug/l	99
40) Benzene	6.15	78	233920	20.319	ug/l	98
41) Methacrylonitrile	5.07	41	51696	20.000	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93266	20.391	ug/l	99
43) Isopropyl Acetate	6.47	43	150841	19.668	ug/l	99
44) Trichloroethene	7.22	130	66153	20.704	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60792	19.560	ug/l	99
46) Dibromomethane	7.67	93	42897	20.360	ug/l	97
47) Bromodichloromethane	7.90	83	77552	20.352	ug/l	99
48) Methyl methacrylate	7.78	41	77540	20.128	ug/l	99
49) 1,4-Dioxane	7.76	88	30122	418.181	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	502301	105.170	ug/l	99
52) Toluene	8.79	92	152203	20.787	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90404	19.784	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	82418	19.117	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63463	21.074	ug/l	99
56) Ethyl methacrylate	9.18	69	95447	19.852	ug/l	99
57) 1,3-Dichloropropane	9.38	76	104507	20.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	261730	117.616	ug/l	99
59) 2-Hexanone	9.50	43	386120	104.666	ug/l	99
60) Dibromochloromethane	9.59	129	60758	20.058	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64611	20.577	ug/l	98
64) Tetrachloroethene	9.34	164	75703	21.378	ug/l	96
65) Chlorobenzene	10.14	112	174829	20.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62920	20.339	ug/l	99
67) Ethyl Benzene	10.26	91	300888	21.044	ug/l	99
68) m/p-Xylenes	10.36	106	230166	41.411	ug/l	98
69) o-Xylene	10.70	106	113105	20.449	ug/l	100
70) Styrene	10.71	104	186840	20.663	ug/l	99
71) Bromoform	10.86	173	44791	18.506	ug/l	100
73) Isopropylbenzene	11.02	105	312980	20.863	ug/l	99
74) N-amyl acetate	6.47	43	150841	18.660	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94982	20.131	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93591m	19.778	ug/l	
77) Bromobenzene	11.26	156	83130	19.738	ug/l	99
78) n-propylbenzene	11.37	91	358049	21.473	ug/l	99
79) 2-Chlorotoluene	11.43	91	210330	19.977	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	266842	20.738	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22228	16.466	ug/l	89
82) 4-Chlorotoluene	11.51	91	249032	20.492	ug/l	100
83) tert-Butylbenzene	11.77	119	258002	20.591	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	273331	20.636	ug/l	98
85) sec-Butylbenzene	11.95	105	324354	22.081	ug/l	100
86) p-Isopropyltoluene	12.07	119	290544	21.715	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	152881	20.302	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156869	20.210	ug/l	99
89) n-Butylbenzene	12.39	91	253499	22.590	ug/l	99
90) Hexachloroethane	12.60	117	39378	18.437	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	157351	20.195	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20004	19.387	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111375	20.386	ug/l	100
94) Hexachlorobutadiene	13.79	225	61337	22.720	ug/l	98
95) Naphthalene	13.84	128	319742	20.370	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115884	20.799	ug/l	99

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

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