

Data File : VX002020.D
Acq On : 26 May 2018 15:42
Operator : JC/MD
Sample : VX0526WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS02

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:50:10 PM

Quant Time: May 28 01:38:39 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	221417	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.51	113	173265	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.72	98	629017	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	11.14	95	236751	44.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	61908	16.83	ug/l	97
3) Chloromethane	1.32	50	75808	18.11	ug/l	100
4) Vinyl Chloride	1.40	62	77059	19.06	ug/l	97
5) Bromomethane	1.64	94	40469	21.19	ug/l	99
6) Chloroethane	1.72	64	48137	20.20	ug/l	100
7) Trichlorofluoromethane	1.93	101	123013	20.26	ug/l	100
8) Diethyl Ether	2.19	74	46242	20.99	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69548	20.53	ug/l	98
10) Methyl Iodide	2.51	142	66343	14.47	ug/l	99
11) Tert butyl alcohol	3.09	59	107867	112.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61963	19.54	ug/l	95
13) Acrolein	2.30	56	33669	81.56	ug/l	99
14) Allyl chloride	2.73	41	138777	20.84	ug/l	99
15) Acrylonitrile	3.15	53	210566	107.24	ug/l	99
16) Acetone	2.45	43	232164	123.67	ug/l	100
17) Carbon Disulfide	2.57	76	170551	18.68	ug/l	99
18) Methyl Acetate	2.78	43	107826	23.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	253294	21.23	ug/l	100
20) Methylene Chloride	2.86	84	71919	21.17	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	65844	20.39	ug/l	97
22) Diisopropyl ether	3.88	45	255845	18.89	ug/l	98
23) Vinyl Acetate	3.83	43	1148618	102.30	ug/l	99
24) 1,1-Dichloroethane	3.70	63	135527	21.07	ug/l	100
25) 2-Butanone	4.72	43	338189	98.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	115660	17.76	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	76064	18.39	ug/l	89
28) Bromochloromethane	5.03	49	58264	20.34	ug/l	99
29) Tetrahydrofuran	5.17	42	213015	95.16	ug/l	100
30) Chloroform	5.23	83	131003	18.08	ug/l	96
31) Cyclohexane	5.58	56	116156	17.33	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	121669	18.01	ug/l	99
36) 1,1-Dichloropropene	5.81	75	93141	17.69	ug/l	98
37) Ethyl Acetate	4.88	43	127630	18.59	ug/l	99
38) Carbon Tetrachloride	5.79	117	106803	17.40	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	113407	17.53	ug/l	98
40) Benzene	6.15	78	286867	18.60	ug/l	100
41) Methacrylonitrile	5.07	41	70058	18.48	ug/l	98
42) 1,2-Dichloroethane	6.21	62	111284	18.06	ug/l	99
43) Isopropyl Acetate	6.48	43	214620	18.77	ug/l	100
44) Trichloroethene	7.22	130	81317	18.09	ug/l	99
45) 1,2-Dichloropropane	7.52	63	77821	18.58	ug/l	99
46) Dibromomethane	7.67	93	52086	18.78	ug/l	98
47) Bromodichloromethane	7.91	83	102039	17.26	ug/l	100
48) Methyl methacrylate	7.79	41	106321	18.27	ug/l	98
49) 1,4-Dioxane	7.76	88	40269	392.60	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	675186	97.94	ug/l	99
52) Toluene	8.79	92	179539	18.29	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	122355	17.97	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	117720	17.74	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	75158	18.33	ug/l	99
56) Ethyl methacrylate	9.19	69	127920	18.14	ug/l	99
57) 1,3-Dichloropropane	9.38	76	125880	18.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	311519	99.65	ug/l	99
59) 2-Hexanone	9.51	43	531242	99.94	ug/l	98
60) Dibromochloromethane	9.59	129	84021	17.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79287	18.43	ug/l	100
64) Tetrachloroethene	9.34	164	90655	18.60	ug/l	98
65) Chlorobenzene	10.15	112	200856	18.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	79568	18.29	ug/l	100
67) Ethyl Benzene	10.26	91	352462	18.83	ug/l	99
68) m/p-Xylenes	10.37	106	267019	37.33	ug/l	99
69) o-Xylene	10.70	106	135016	18.90	ug/l	99
70) Styrene	10.72	104	219877	18.56	ug/l	100
71) Bromoform	10.87	173	69426	16.83	ug/l #	99
73) Isopropylbenzene	11.02	105	361990	19.27	ug/l	99
74) N-amyl acetate	6.48	43	214620	20.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	109642	20.59	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	116250m	21.82	ug/l	
77) Bromobenzene	11.26	156	94796	19.02	ug/l	98
78) n-propylbenzene	11.37	91	399095	18.97	ug/l	99
79) 2-Chlorotoluene	11.43	91	243427	19.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	303094	18.88	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36628	16.52	ug/l	96
82) 4-Chlorotoluene	11.52	91	276963	18.66	ug/l	100
83) tert-Butylbenzene	11.77	119	293315	18.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	310400	18.71	ug/l	99
85) sec-Butylbenzene	11.95	105	358676	18.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	319827	18.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	166380	18.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168200	18.85	ug/l	99
89) n-Butylbenzene	12.40	91	268299	18.68	ug/l	99
90) Hexachloroethane	12.60	117	56858	17.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	171920	18.90	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	30029	17.98	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052618\
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	118904	18.28	ug/l	99
94) Hexachlorobutadiene	13.79	225	63864	18.26	ug/l	99
95) Naphthalene	13.84	128	390601	19.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126630	18.82	ug/l	99

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

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