Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006179.D
Acq On : 26 Nov 2018 16:58
Operator : JC/MD
Sample : VX1126WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1126WBSD01

Manual Integrations APPROVED
MMDadoda
11/27/2018 11:43:31 AM

Quant Time: Nov 27 03:27:57 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	289024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177553	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.04%			
35) Dibromofluoromethane	5.50	113	142823	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.54%			
50) Toluene-d8	8.71	98	532918	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.24%			
62) 4-Bromofluorobenzene	11.13	95	191341	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43114	20.07	ug/l	97
3) Chloromethane	1.32	50	51489	18.98	ug/l	99
4) Vinyl Chloride	1.41	62	53803	19.50	ug/l	94
5) Bromomethane	1.64	94	27352	15.64	ug/l	94
6) Chloroethane	1.73	64	32670	28.97	ug/l	99
7) Trichlorofluoromethane	1.93	101	73720	20.42	ug/l	100
8) Diethyl Ether	2.19	74	30713	20.13	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43911	20.51	ug/l	99
10) Methyl Iodide	2.51	142	44341	16.52	ug/l	100
11) Tert butyl alcohol	3.06	59	70880	99.49	ug/l	100
12) 1,1-Dichloroethene	2.38	96	41224	19.75	ug/l	96
13) Acrolein	2.29	56	36826	86.38	ug/l	100
14) Allyl chloride	2.73	41	87625	20.52	ug/l	99
15) Acrylonitrile	3.15	53	160805	102.19	ug/l	99
16) Acetone	2.45	43	165461	111.34	ug/l	100
17) Carbon Disulfide	2.57	76	119136	21.14	ug/l	98
18) Methyl Acetate	2.78	43	86218	22.62	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	155164	21.51	ug/l	99
20) Methylene Chloride	2.86	84	48809	21.50	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	45347	20.77	ug/l	93
22) Diisopropyl ether	3.87	45	173651	19.00	ug/l	91
23) Vinyl Acetate	3.82	43	766615	101.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89034	20.68	ug/l	99
25) 2-Butanone	4.70	43	282040	102.25	ug/l	99
26) 2,2-Dichloropropane	4.59	77	81565	22.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61018	19.99	ug/l	98
28) Bromochloromethane	5.02	49	52219	20.81	ug/l	98
29) Tetrahydrofuran	5.15	42	177202	102.98	ug/l	99
30) Chloroform	5.21	83	105897	20.29	ug/l	100
31) Cyclohexane	5.57	56	88008	19.57	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	90438	21.46	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74957	19.54	ug/l	97
37) Ethyl Acetate	4.85	43	100122	20.29	ug/l	99
38) Carbon Tetrachloride	5.78	117	77394	21.47	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	86351	19.76	ug/l		97
40) Benzene	6.15	78	228471	20.22	ug/l		100
41) Methacrylonitrile	5.06	41	54490	20.03	ug/l		99
42) 1,2-Dichloroethane	6.20	62	85890	20.33	ug/l		99
43) Isopropyl Acetate	6.46	43	145899	20.47	ug/l		99
44) Trichloroethene	7.21	130	62505	19.90	ug/l		97
45) 1,2-Dichloropropane	7.52	63	62137	20.78	ug/l		97
46) Dibromomethane	7.66	93	40927	19.98	ug/l		99
47) Bromodichloromethane	7.90	83	76961	20.32	ug/l		96
48) Methyl methacrylate	7.77	41	77320	21.39	ug/l		99
49) 1,4-Dioxane	7.75	88	30121	351.23	ug/l		97
51) 4-Methyl-2-Pentanone	8.65	43	529889	103.71	ug/l		99
52) Toluene	8.79	92	144356	20.65	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	84792	21.45	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	91183	20.86	ug/l		97
55) 1,1,2-Trichloroethane	9.21	97	61796	20.41	ug/l		97
56) Ethyl methacrylate	9.18	69	86083	20.08	ug/l		98
57) 1,3-Dichloropropane	9.37	76	102336	20.51	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.31	63	255809	101.33	ug/l		100
59) 2-Hexanone	9.49	43	420714	103.75	ug/l		100
60) Dibromochloromethane	9.59	129	62716	21.13	ug/l		99
61) 1,2-Dibromoethane	9.67	107	64924	20.82	ug/l		99
64) Tetrachloroethene	9.34	164	62644	19.15	ug/l		97
65) Chlorobenzene	10.14	112	166251	20.39	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59004	21.08	ug/l		99
67) Ethyl Benzene	10.25	91	274974	20.60	ug/l		100
68) m/p-Xylenes	10.36	106	214481	41.27	ug/l		100
69) o-Xylene	10.70	106	100317	20.21	ug/l		99
70) Styrene	10.71	104	165401	20.43	ug/l		98
71) Bromoform	10.86	173	51743	20.66	ug/l	#	97
73) Isopropylbenzene	11.02	105	277941	21.28	ug/l		100
74) N-amyl acetate	10.90	43	128847	20.70	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.27	83	100651	20.45	ug/l		98
76) 1,2,3-Trichloropropane	11.29	75	96655m	21.75	ug/l		
77) Bromobenzene	11.26	156	74830	20.46	ug/l		100
78) n-propylbenzene	11.36	91	321270	21.13	ug/l		99
79) 2-Chlorotoluene	11.42	91	193369	21.02	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	236009	21.44	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	28613	21.78	ug/l		96
82) 4-Chlorotoluene	11.51	91	225757	21.03	ug/l		99
83) tert-Butylbenzene	11.77	119	229193	21.32	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	242225	21.57	ug/l		99
85) sec-Butylbenzene	11.94	105	280173	21.31	ug/l		99
86) p-Isopropyltoluene	12.07	119	246343	21.02	ug/l		98
87) 1,3-Dichlorobenzene	12.02	146	136636	20.26	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	138768	19.85	ug/l		99
89) n-Butylbenzene	12.39	91	211761	19.95	ug/l		99
90) Hexachloroethane	12.60	117	40743	21.78	ug/l		96
91) 1,2-Dichlorobenzene	12.39	146	138808	20.13	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23330	20.43	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	96776	19.92	ug/l	100
94) Hexachlorobutadiene	13.78	225	47500	20.06	ug/l	99
95) Naphthalene	13.83	128	305277	21.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101645	20.52	ug/l	99

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

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