Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110091.D
Acq On : 23 Oct 2018 21:32
Operator : JU/SJ
Sample : J5164-07
Misc : LOD 1PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 24 07:19:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	161864	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	686135	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	338093	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	667296	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	552953	20.00	ng		-0.02
87) Perylene-d12	15.66	264	472347	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1291240	129.91	ng		-0.02
7) Phenol-d6	6.59	99	1614239	126.97	ng		-0.02
23) Nitrobenzene-d5	7.53	82	944142	81.62	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	432320	129.09	ng		-0.01
45) 2-Fluorobiphenyl	9.32	172	1753923	81.46	ng		-0.02
79) Terphenyl-d14	13.09	244	1854178	69.74	ng		-0.02
Target Compounds							Qvalue
6) Aniline	6.63	93	12204	0.737	ng	#	54
8) 2-Chlorophenol	6.75	128	12780	1.115	ng		92
9) Benzaldehyde	6.52	77	8608	0.168	ng		96
10) Phenol	6.59	94	13934	1.025	ng	#	50
11) bis(2-Chloroethyl)ether	6.69	93	11777	1.053	ng		91
12) 1,3-Dichlorobenzene	6.90	146	13600	1.078	ng		94
13) 1,4-Dichlorobenzene	6.98	146	13527	1.061	ng		95
14) 1,2-Dichlorobenzene	7.13	146	13270	1.121	ng		99
15) Benzyl Alcohol	7.12	79	24084	2.463	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	7.23	45	20305	1.136	ng		70
18) Hexachloroethane	7.47	117	4618	0.989	ng		94
24) Nitrobenzene	7.54	77	15520	1.299	ng		95
31) Naphthalene	8.27	128	38919	1.231	ng		98
34) Hexachlorobutadiene	8.38	225	6111	1.032	ng	#	84
37) 2-Methylnaphthalene	8.96	142	24858	1.188	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	10448	0.992	ng		96
46) 1,1'-Biphenyl	9.42	154	35762	1.170	ng		98
47) 2-Chloronaphthalene	9.45	162	24371	1.087	ng		100
48) 2-Nitroaniline	9.55	65	6215	0.915	ng		91
49) Acenaphthylene	9.87	152	36784	1.136	ng		98
50) Dimethylphthalate	9.71	163	27586	1.105	ng		99
51) 2,6-Dinitrotoluene	9.78	165	5005	0.931	ng		96
52) Acenaphthene	10.04	154	24896	1.162	ng		97
55) Dibenzofuran	10.21	168	33990	1.133	ng		97
58) Fluorene	10.56	166	27843	1.247	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.33	232	5192	0.887	ng	#	99
60) Diethylphthalate	10.42	149	26449	1.086	ng		98
63) Azobenzene	10.70	77	25827	1.068	ng		99
66) n-Nitrosodiphenylamine	10.66	169	23245	1.062	ng		95
67) 4-Bromophenyl-phenylether	11.04	248	7500	1.036	ng		93
68) Hexachlorobenzene	11.10	284	8062	1.050	ng		96
69) Atrazine	11.18	200	6820	0.986	ng		98
71) Phenanthrene	11.52	178	42099	1.206	ng		98
72) Anthracene	11.57	178	43421	1.241	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	11.73	167	34700	1.015	ng		97
74) Di-n-butylphthalate	12.05	149	39283	1.018	ng		96
75) Fluoranthene	12.72	202	41535	1.172	ng		99
78) Pyrene	12.94	202	42421	1.070	ng		94
80) Butylbenzylphthalate	13.55	149	15586	0.906	ng		90
81) Benzo(a)anthracene	14.13	228	38683	1.180	ng		98
83) Chrysene	14.17	228	35795	1.149	ng		95
84) Bis(2-ethylhexyl)phthalate	14.10	149	21766	0.936	ng	#	95
85) Di-n-octyl phthalate	14.72	149	32860	0.909	ng	#	95
86) Indeno(1,2,3-cd)pyrene	17.21	276	25310	0.980	ng	#	93
88) Benzo(b)fluoranthene	15.20	252	31041	1.138	ng		98
89) Benzo(k)fluoranthene	15.24	252	30747	1.147	ng		98
90) Benzo(a)pyrene	15.59	252	27132	1.081	ng		99
91) Dibenzo(a,h)anthracene	17.23	278	21371	0.987	ng		98
92) Benzo(g,h,i)perylene	17.69	276	20515	0.961	ng	#	93

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

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