Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110100.D
Acq On : 24 Oct 2018 1:38
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 8PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:20 PM

Quant Time: Oct 24 07:50:13 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	155590	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	656643	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	319624	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	615762	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	517437	20.00	ng		-0.02
87) Perylene-d12	15.66	264	443360	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1247996	130.62	ng		-0.02
7) Phenol-d6	6.59	99	1569211	128.40	ng		-0.02
23) Nitrobenzene-d5	7.53	82	892254	80.60	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	418347	132.13	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1656596	81.39	ng		-0.02
79) Terphenyl-d14	13.09	244	1725706	69.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	33567	6.706	ng		93
3) Pyridine	3.65	79	85142	7.636	ng		86
4) n-Nitrosodimethylamine	3.55	42	40740	8.722	ng	#	94
6) Aniline	6.63	93	119277	7.492	ng	#	53
8) 2-Chlorophenol	6.75	128	91772	8.331	ng		95
9) Benzaldehyde	6.52	77	61792	6.473	ng		95
10) Phenol	6.60	94	105286	8.060	ng	#	63
11) bis(2-Chloroethyl)ether	6.69	93	86893	8.085	ng		91
12) 1,3-Dichlorobenzene	6.90	146	99542	8.211	ng		97
13) 1,4-Dichlorobenzene	6.98	146	101939	8.315	ng		98
14) 1,2-Dichlorobenzene	7.13	146	96187	8.451	ng		98
15) Benzyl Alcohol	7.10	79	85513	9.098	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	145996	8.496	ng		66
17) 2-Methylphenol	7.20	107	72999	8.315	ng	#	83
18) Hexachloroethane	7.47	117	36242	8.074	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	63888	8.149	ng		93
20) 3+4-Methylphenols	7.35	107	99080	8.731	ng	#	85
22) Acetophenone	7.36	105	133725	8.838	ng	#	96
24) Nitrobenzene	7.55	77	97438	8.525	ng		91
25) Isophorone	7.77	82	174788	9.262	ng		96
26) 2-Nitrophenol	7.86	139	40801	7.502	ng		97
27) 2,4-Dimethylphenol	7.89	122	82185	9.114	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	111251	8.678	ng		99
29) 2,4-Dichlorophenol	8.09	162	75357	8.272	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	84095	8.241	ng		96
31) Naphthalene	8.27	128	277267	9.162	ng		98
32) Benzoic acid	7.95	122	30728m	4.409	ng		
33) 4-Chloroaniline	8.31	127	92263	6.774	ng		99
34) Hexachlorobutadiene	8.38	225	45661	8.059	ng		98
35) Caprolactam	8.65	113	22921	7.218	ng	#	85
36) 4-Chloro-3-methylphenol	8.78	107	80724	8.194	ng		96
37) 2-Methylnaphthalene	8.96	142	192068	9.592	ng		99
38) 1-Methylnaphthalene	9.06	142	182052	9.408	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	80716	8.105	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	41848	8.218	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	49651	7.730	ng		99
44) 2,4,5-Trichlorophenol	9.27	196	53961	7.947	ng		95
46) 1,1'-Biphenyl	9.42	154	240560	8.323	ng		98
47) 2-Chloronaphthalene	9.45	162	181775	8.574	ng		97
48) 2-Nitroaniline	9.54	65	51625	8.035	ng		98
49) Acenaphthylene	9.87	152	280992	9.176	ng		99
50) Dimethylphthalate	9.72	163	203655	8.632	ng		98
51) 2,6-Dinitrotoluene	9.78	165	42459	8.354	ng		95
52) Acenaphthene	10.04	154	179147	8.843	ng		97
53) 3-Nitroaniline	9.95	138	42112	6.968	ng		94
54) 2,4-Dinitrophenol	10.06	184	9908	9.769	ng		92
55) Dibenzofuran	10.21	168	250820	8.843	ng		95
56) 4-Nitrophenol	10.10	139	36900	8.249	ng		89
57) 2,4-Dinitrotoluene	10.19	165	55399	8.582	ng	#	83
58) Fluorene	10.56	166	204313	9.679	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.32	232	45468	8.216	ng		93
60) Diethylphthalate	10.42	149	200043	8.686	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	95123	8.542	ng		95
62) 4-Nitroaniline	10.56	138	47981	7.982	ng		89
63) Azobenzene	10.70	77	201831	8.829	ng		97
65) 4,6-Dinitro-2-methylphenol	10.59	198	16488	5.861	ng		85
66) n-Nitrosodiphenylamine	10.66	169	174032	8.617	ng		99
67) 4-Bromophenyl-phenylether	11.04	248	55763	8.349	ng		96
68) Hexachlorobenzene	11.10	284	59889	8.451	ng		97
69) Atrazine	11.18	200	54737	8.576	ng		97
70) Pentachlorophenol	11.29	266	23103	5.591	ng		97
71) Phenanthrene	11.52	178	305143	9.471	ng		99
72) Anthracene	11.57	178	314882	9.750	ng		98
73) Carbazole	11.73	167	267040	8.469	ng		98
74) Di-n-butylphthalate	12.04	149	317781	8.923	ng		98
75) Fluoranthene	12.71	202	311335	9.521	ng		99
77) Benzidine	12.83	184	95017	4.497	ng		95
78) Pyrene	12.94	202	311580	8.399	ng		98
80) Butylbenzylphthalate	13.55	149	125587	7.800	ng		95
81) Benzo(a)anthracene	14.13	228	271805	8.858	ng		98
82) 3,3'-Dichlorobenzidine	14.09	252	66539	6.227	ng		99
83) Chrysene	14.17	228	261034	8.956	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	180024	8.271	ng		98
85) Di-n-octyl phthalate	14.72	149	283700	8.383	ng		99
86) Indeno(1,2,3-cd)pyrene	17.21	276	200031	8.273	ng	#	94
88) Benzo(b)fluoranthene	15.21	252	231045	9.024	ng		99
89) Benzo(k)fluoranthene	15.24	252	229306m	9.110	ng		
90) Benzo(a)pyrene	15.59	252	208601	8.855	ng		96
91) Dibenzo(a,h)anthracene	17.23	278	168214	8.275	ng		98
92) Benzo(g,h,i)perylene	17.68	276	161088	8.042	ng		96

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

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