Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104190.D
Acq On : 3 Apr 2018 20:11
Operator : JU/SJ
Sample : J2182-21MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-8-WATER-LATERAL-1-NW@3.5

Manual Integrations APPROVED
Sohil
4/4/2018 4:09:46 PM

Quant Time: Apr 04 01:30:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	106565	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	453494	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	221313	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	424921	20.00	ng		0.00
75) Chrysene-d12	14.15	240	321521	20.00	ng		0.00
86) Perylene-d12	15.69	264	255432	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	562376	84.16	ng		0.00
7) Phenol-d6	6.60	99	703702	85.60	ng		0.00
23) Nitrobenzene-d5	7.53	82	432973	58.39	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	218284	88.58	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	826508	58.89	ng		0.00
78) Terphenyl-d14	13.08	244	917343	65.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	64677	22.442	ng	#	88
3) Pyridine	3.65	79	136281	18.679	ng	#	82
4) n-Nitrosodimethylamine	3.62	42	26342	12.147	ng		80
6) Aniline	6.63	93	113796	11.563	ng	#	71
8) 2-Chlorophenol	6.75	128	222915	30.411	ng		94
9) Benzaldehyde	6.52	77	43196	7.696	ng		97
10) Phenol	6.61	94	258386	28.366	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	213186	27.159	ng		91
12) 1,3-Dichlorobenzene	6.90	146	209900	25.474	ng		99
13) 1,4-Dichlorobenzene	6.97	146	241598	27.365	ng		98
14) 1,2-Dichlorobenzene	7.13	146	219772	27.695	ng		98
15) Benzyl Alcohol	7.10	79	140230	26.234	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	238281	27.864	ng		58
17) 2-Methylphenol	7.21	107	168415	28.229	ng	#	92
18) Hexachloroethane	7.46	117	80662	27.287	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	142485	29.204	ng		90
20) 3+4-Methylphenols	7.37	107	212511	27.910	ng	#	51
22) Acetophenone	7.37	105	304332	27.737	ng	#	98
24) Nitrobenzene	7.55	77	198241	25.408	ng		95
25) Isophorone	7.77	82	399002	29.197	ng		98
26) 2-Nitrophenol	7.86	139	117786	28.921	ng		95
27) 2,4-Dimethylphenol	7.89	122	170763	29.073	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	257498	30.064	ng		98
29) 2,4-Dichlorophenol	8.10	162	178534	29.101	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	191310	27.483	ng		99
31) Naphthalene	8.26	128	654829	29.557	ng		99
32) Benzoic acid	7.98	122	18832m	4.377	ng		
33) 4-Chloroaniline	8.33	127	85561	9.161	ng		94
34) Hexachlorobutadiene	8.37	225	101043	26.675	ng		99
35) Caprolactam	8.67	113	55880m	28.725	ng		
36) 4-Chloro-3-methylphenol	8.80	107	200154	30.844	ng		98
37) 2-Methylnaphthalene	8.95	142	411193	28.177	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	188891	27.833	ng		99
40) Hexachlorocyclopentadiene	9.10	237	81256	29.110	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	117413	27.322	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	138588	26.709	ng		95
45) 1,1'-Biphenyl	9.42	154	522140	27.489	ng		99
46) 2-Chloronaphthalene	9.45	162	405603	27.071	ng		99
47) 2-Nitroaniline	9.55	65	117110	27.411	ng		92
48) Acenaphthylene	9.86	152	608629	26.813	ng		99
49) Dimethylphthalate	9.71	163	564052	32.281	ng		100
50) 2,6-Dinitrotoluene	9.79	165	105200	27.984	ng		86
51) Acenaphthene	10.03	154	341348	25.995	ng		99
52) 3-Nitroaniline	9.97	138	69997	16.198	ng		100
53) 2,4-Dinitrophenol	10.09	184	27974	21.430	ng	#	37
54) Dibenzofuran	10.21	168	534632	27.881	ng		98
55) 4-Nitrophenol	10.14	139	117067	45.180	ng		95
56) 2,4-Dinitrotoluene	10.20	165	145495	30.331	ng	#	91
57) Fluorene	10.55	166	439592	27.791	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	116761	30.035	ng	#	84
59) Diethylphthalate	10.41	149	460707	27.522	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	206518	28.427	ng		92
61) 4-Nitroaniline	10.59	138	103735	25.655	ng		92
62) Azobenzene	10.70	77	408941	27.017	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	49006	19.053	ng		80
65) n-Nitrosodiphenylamine	10.66	169	396912	27.581	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	119269	26.236	ng		95
67) Hexachlorobenzene	11.10	284	138953	26.572	ng		92
68) Atrazine	11.18	200	128448	29.135	ng		99
69) Pentachlorophenol	11.30	266	116866	40.612	ng		97
70) Phenanthrene	11.52	178	619646	26.934	ng		99
71) Anthracene	11.57	178	706137	29.385	ng		99
72) Carbazole	11.73	167	654891	28.554	ng		99
73) Di-n-butylphthalate	12.04	149	740273	27.097	ng		98
74) Fluoranthene	12.72	202	686280	28.064	ng		98
76) Benzidine	12.84	184	222348	24.267	ng		97
77) Pyrene	12.94	202	662143	28.648	ng		100
79) Butylbenzylphthalate	13.54	149	310853	28.547	ng		95
80) Benzo(a)anthracene	14.14	228	528410	26.265	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	135281	20.315	ng		98
82) Chrysene	14.18	228	562647	28.554	ng		97
83) Bis(2-ethylhexyl)phthalate	14.10	149	417786	29.695	ng		97
84) Di-n-octyl phthalate	14.72	149	697478	28.819	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.29	276	427180	20.921	ng		95
87) Benzo(b)fluoranthene	15.23	252	396927	25.534	ng		100
88) Benzo(k)fluoranthene	15.26	252	515083	35.174	ng		97
89) Benzo(a)pyrene	15.63	252	411197	28.544	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	356992	26.803	ng		98
91) Benzo(g,h,i)perylene	17.77	276	346615	25.982	ng		96

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

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