Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129310.D
Acq On : 22 Jul 2022 12:03
Operator : CG\JU
Sample : N3214-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

Quant Time: Jul 22 12:50:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	120756	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	461522	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	247877	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	433914	20.000	ng		0.00
76) Chrysene-d12	14.069	240	344560	20.000	ng		-0.01
86) Perylene-d12	15.563	264	286699	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	821011	110.893	ng		0.00
7) Phenol-d6	6.522	99	1090807	115.578	ng		0.00
23) Nitrobenzene-d5	7.457	82	780319	90.962	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	316492	132.340	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1376610	85.434	ng		0.00
79) Terphenyl-d14	13.010	244	1471692	79.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	22364	6.812	ng		91
3) Pyridine	3.540	79	50954m	5.622	ng		
4) n-Nitrosodimethylamine	3.399	42	29776	7.317	ng	#	92
6) Aniline	6.557	93	93018	8.010	ng		100
8) 2-Chlorophenol	6.675	128	62388	7.687	ng		98
9) Benzaldehyde	6.446	77	53143	8.209	ng		98
10) Phenol	6.528	94	71395	7.198	ng		79
11) bis(2-Chloroethyl)ether	6.628	93	58429	7.442	ng		90
12) 1,3-Dichlorobenzene	6.834	146	67693	7.738	ng		99
13) 1,4-Dichlorobenzene	6.910	146	70615	7.978	ng		99
14) 1,2-Dichlorobenzene	7.063	146	65380	7.994	ng		98
15) Benzyl Alcohol	7.028	79	63750	9.310	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	86159	7.198	ng		93
17) 2-Methylphenol	7.134	107	48348	7.309	ng		97
18) Hexachloroethane	7.404	117	26734	8.050	ng		88
19) n-Nitroso-di-n-propyla...	7.293	70	44462	7.907	ng		98
20) 3+4-Methylphenols	7.287	107	65680	7.613	ng		91
22) Acetophenone	7.298	105	91568	8.450	ng		97
24) Nitrobenzene	7.475	77	71989	8.148	ng		97
25) Isophorone	7.704	82	123453	8.197	ng		98
26) 2-Nitrophenol	7.787	139	32072	7.523	ng		97
27) 2,4-Dimethylphenol	7.822	122	54276m	8.463	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	73749	8.453	ng		96
29) 2,4-Dichlorophenol	8.028	162	50314	7.542	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	54423	7.850	ng		97
31) Naphthalene	8.198	128	187480	7.920	ng		98
32) Benzoic acid	7.881	122	18659m	3.980	ng		
33) 4-Chloroaniline	8.245	127	77110	7.987	ng		96
34) Hexachlorobutadiene	8.310	225	33107	8.354	ng		93
35) Caprolactam	8.581	113	16177	7.603	ng	#	70
36) 4-Chloro-3-methylphenol	8.716	107	58051	8.191	ng		96
37) 2-Methylnaphthalene	8.887	142	122775	8.004	ng		100
38) 1-Methylnaphthalene	8.987	142	118160	7.962	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	54256	8.337	ng		98
41) Hexachlorocyclopentadiene	9.039	237	23245	8.104	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	34362	7.226	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	37135	7.198	ng		94
46) 1,1'-Biphenyl	9.351	154	152457	8.324	ng		99
47) 2-Chloronaphthalene	9.375	162	116540	7.943	ng		100
48) 2-Nitroaniline	9.469	65	37933	7.698	ng		99
49) Acenaphthylene	9.792	152	189383	8.405	ng		99
50) Dimethylphthalate	9.645	163	135274	7.943	ng		100
51) 2,6-Dinitrotoluene	9.710	165	29984	7.863	ng		95
52) Acenaphthene	9.963	154	112614	7.702	ng		98
53) 3-Nitroaniline	9.881	138	32907	7.253	ng		97
54) 2,4-Dinitrophenol	9.986	184	9725	5.040	ng		90
55) Dibenzofuran	10.139	168	166594	8.199	ng		96
56) 4-Nitrophenol	10.034	139	23082	6.966	ng		91
57) 2,4-Dinitrotoluene	10.116	165	38942	7.790	ng	#	90
58) Fluorene	10.481	166	134470	8.292	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	28227m	7.097	ng		
60) Diethylphthalate	10.345	149	132530	8.089	ng		96
61) 4-Chlorophenyl-phenyle...	10.469	204	60303	8.499	ng	#	84
62) 4-Nitroaniline	10.486	138	32030	7.147	ng		94
63) Azobenzene	10.633	77	135380	7.986	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	17717	6.638	ng		96
66) n-Nitrosodiphenylamine	10.586	169	112773	7.861	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	37291	7.965	ng		95
68) Hexachlorobenzene	11.028	284	41062	8.008	ng		97
69) Atrazine	11.110	200	36070	8.227	ng		98
70) Pentachlorophenol	11.222	266	17238	6.115	ng		98
71) Phenanthrene	11.445	178	192078	8.065	ng		99
72) Anthracene	11.498	178	197072	8.351	ng		98
73) Carbazole	11.651	167	181824	8.260	ng		98
74) Di-n-butylphthalate	11.975	149	202949	7.979	ng		99
75) Fluoranthene	12.639	202	194552	8.015	ng		97
77) Benzidine	12.757	184	104859	7.636	ng		98
78) Pyrene	12.869	202	203461	6.904	ng		99
80) Butylbenzylphthalate	13.480	149	80315	6.679	ng		97
81) Benzo(a)anthracene	14.057	228	178407	7.519	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	62170	7.983	ng	#	96
83) Chrysene	14.092	228	171128	7.642	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	109195	7.394	ng		100
85) Di-n-octyl phthalate	14.651	149	157386	7.447	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	115711	5.887	ng		99
88) Benzo(b)fluoranthene	15.116	252	162513	8.516	ng		98
89) Benzo(k)fluoranthene	15.145	252	140908	7.605	ng		98
90) Benzo(a)pyrene	15.492	252	134481	8.710	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	99040	6.252	ng		99
92) Benzo(g,h,i)perylene	17.521	276	98292	5.971	ng		96

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

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