Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
Data File : BF129300.D
Acq On : 21 Jul 2022 17:08
Operator : CG\JU
Sample : N3214-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

Quant Time: Jul 21 19:12:46 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	6.892	152	157054	20.000	ng		0.00
21) Naphthalene-d8	8.174	136	595538	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	321554	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	556367	20.000	ng		0.00
76) Chrysene-d12	14.068	240	427440	20.000	ng		-0.01
86) Perylene-d12	15.562	264	346077	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1056721	109.743	ng		0.00
7) Phenol-d6	6.522	99	1418669	115.576	ng		0.00
23) Nitrobenzene-d5	7.457	82	999492	90.292	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	386768	124.670	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1730459	82.787	ng		0.00
79) Terphenyl-d14	13.015	244	1801119	78.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.692	88	14873	3.483	ng		90
3) Pyridine	3.610	79	33565m	2.847	ng		
4) n-Nitrosodimethylamine	3.434	42	20472m	3.868	ng		
6) Aniline	6.557	93	61558	4.076	ng		97
8) 2-Chlorophenol	6.680	128	42090	3.987	ng		95
9) Benzaldehyde	6.445	77	35288	4.191	ng		97
10) Phenol	6.533	94	49012	3.799	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	39985	3.916	ng		92
12) 1,3-Dichlorobenzene	6.833	146	45167	3.970	ng		99
13) 1,4-Dichlorobenzene	6.910	146	46404	4.031	ng		99
14) 1,2-Dichlorobenzene	7.063	146	43322	4.073	ng		95
15) Benzyl Alcohol	7.027	79	49294	5.535	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	57428	3.689	ng		94
17) 2-Methylphenol	7.133	107	32133	3.735	ng		98
18) Hexachloroethane	7.404	117	17122	3.964	ng		90
19) n-Nitroso-di-n-propyla...	7.292	70	28815	3.940	ng		96
20) 3+4-Methylphenols	7.286	107	42403	3.779	ng	#	82
22) Acetophenone	7.298	105	59906	4.284	ng		97
24) Nitrobenzene	7.475	77	47391	4.157	ng		98
25) Isophorone	7.704	82	79478	4.090	ng		96
26) 2-Nitrophenol	7.786	139	20511	3.728	ng		98
27) 2,4-Dimethylphenol	7.822	122	35553	4.296	ng		95
28) bis(2-Chloroethoxy)met...	7.916	93	46908	4.166	ng		99
29) 2,4-Dichlorophenol	8.027	162	33087	3.844	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	35353	3.952	ng		99
31) Naphthalene	8.198	128	123964	4.059	ng		98
32) Benzoic acid	7.875	122	13202m	2.182	ng		
33) 4-Chloroaniline	8.245	127	50046	4.017	ng		95
34) Hexachlorobutadiene	8.310	225	21617	4.227	ng		98
35) Caprolactam	8.574	113	9856	3.590	ng	#	76
36) 4-Chloro-3-methylphenol	8.716	107	35729	3.907	ng		94
37) 2-Methylnaphthalene	8.886	142	80185	4.051	ng		98
38) 1-Methylnaphthalene	8.986	142	77680	4.057	ng		95
40) 1,2,4,5-Tetrachloroben...	9.051	216	35122	4.161	ng		98
41) Hexachlorocyclopentadiene	9.039	237	12783	3.435	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	22575	3.659	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	24248	3.623	ng		94
46) 1,1'-Biphenyl	9.351	154	101398	4.267	ng		97
47) 2-Chloronaphthalene	9.380	162	76884	4.040	ng		93
48) 2-Nitroaniline	9.469	65	22820	3.570	ng		98
49) Acenaphthylene	9.792	152	121671	4.163	ng		99
50) Dimethylphthalate	9.645	163	86135	3.899	ng		99
51) 2,6-Dinitrotoluene	9.710	165	18605	3.761	ng		94
52) Acenaphthene	9.963	154	69844	3.682	ng		96
53) 3-Nitroaniline	9.880	138	20386	3.464	ng	#	94
54) 2,4-Dinitrophenol	9.986	184	5182	2.070	ng		90
55) Dibenzofuran	10.139	168	107412	4.075	ng		98
56) 4-Nitrophenol	10.033	139	13973	3.251	ng		89
57) 2,4-Dinitrotoluene	10.116	165	23158	3.571	ng		94
58) Fluorene	10.480	166	83969	3.991	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	18079m	3.504	ng		
60) Diethylphthalate	10.345	149	84554	3.978	ng		97
61) 4-Chlorophenyl-phenyle...	10.474	204	38291	4.160	ng		98
62) 4-Nitroaniline	10.486	138	19413	3.339	ng		98
63) Azobenzene	10.633	77	83910	3.816	ng		96
65) 4,6-Dinitro-2-methylph...	10.521	198	9272	2.710	ng		89
66) n-Nitrosodiphenylamine	10.586	169	71936	3.911	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	23425	3.902	ng		95
68) Hexachlorobenzene	11.027	284	27110	4.123	ng		96
69) Atrazine	11.110	200	22426	3.989	ng		94
70) Pentachlorophenol	11.221	266	10381	2.872	ng		93
71) Phenanthrene	11.445	178	122814	4.022	ng		98
72) Anthracene	11.498	178	124991	4.131	ng		97
73) Carbazole	11.651	167	114860	4.069	ng		98
74) Di-n-butylphthalate	11.974	149	127342	3.905	ng		100
75) Fluoranthene	12.639	202	125379	4.029	ng		98
77) Benzidine	12.757	184	66694	3.915	ng		98
78) Pyrene	12.868	202	129524	3.543	ng		97
80) Butylbenzylphthalate	13.480	149	48940	3.281	ng		93
81) Benzo(a)anthracene	14.056	228	110026	3.738	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	35536	3.678	ng	#	96
83) Chrysene	14.092	228	103063	3.710	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	64989	3.548	ng		99
85) Di-n-octyl phthalate	14.651	149	88914	3.391	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	70037	2.952	ng		98
88) Benzo(b)fluoranthene	15.115	252	95185	4.132	ng		98
89) Benzo(k)fluoranthene	15.145	252	83274	3.723	ng		97
90) Benzo(a)pyrene	15.492	252	78813	4.229	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	61378	3.210	ng		99
92) Benzo(g,h,i)perylene	17.521	276	60061	3.023	ng		96

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

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