Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126971.D
Acq On : 21 Feb 2022 14:02
Operator : CG\JU
Sample : M4068-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Quant Time: Feb 21 14:22:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	94469	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	371917	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	192371	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	352487	20.000	ng	#	0.00
76) Chrysene-d12	14.092	240	270037	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	243288	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	898803	147.050	ng		0.00
7) Phenol-d6	6.551	99	1214340	147.236	ng		0.00
23) Nitrobenzene-d5	7.486	82	697195	84.614	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	371486	167.722	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1130263	86.495	ng		0.00
79) Terphenyl-d14	13.039	244	1397898	76.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	21632	7.734	ng	#	95
3) Pyridine	3.551	79	52028	7.092	ng	#	89
4) n-Nitrosodimethylamine	3.451	42	27775	7.729	ng	#	70
6) Aniline	6.586	93	84779	8.676	ng		97
8) 2-Chlorophenol	6.710	128	52487	8.003	ng		92
9) Benzaldehyde	6.475	77	48419	9.644	ng		96
10) Phenol	6.557	94	65938	7.912	ng	#	53
11) bis(2-Chloroethyl)ether	6.657	93	53122	8.127	ng		100
12) 1,3-Dichlorobenzene	6.863	146	57006	8.058	ng		98
13) 1,4-Dichlorobenzene	6.939	146	57710	8.047	ng		99
14) 1,2-Dichlorobenzene	7.092	146	55081	8.053	ng		96
15) Benzyl Alcohol	7.057	79	62358	8.975	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.192	45	77488	7.529	ng		97
17) 2-Methylphenol	7.163	107	47376	8.350	ng		97
18) Hexachloroethane	7.433	117	22976	8.358	ng		93
19) n-Nitroso-di-n-propyla...	7.322	70	42246	7.949	ng		96
20) 3+4-Methylphenols	7.310	107	61442	8.339	ng	#	66
22) Acetophenone	7.322	105	84605	8.640	ng	#	96
24) Nitrobenzene	7.498	77	65076	8.360	ng		93
25) Isophorone	7.733	82	114230	8.378	ng	#	98
26) 2-Nitrophenol	7.816	139	26278	7.929	ng	#	81
27) 2,4-Dimethylphenol	7.845	122	49804	9.148	ng		87
28) bis(2-Chloroethoxy)met...	7.945	93	66498	8.045	ng		99
29) 2,4-Dichlorophenol	8.051	162	41118	8.033	ng		96
30) 1,2,4-Trichlorobenzene	8.139	180	46875	8.191	ng		96
31) Naphthalene	8.222	128	162186	8.354	ng		99
32) Benzoic acid	7.910	122	20294	5.256	ng	#	87
33) 4-Chloroaniline	8.269	127	65038	8.511	ng		97
34) Hexachlorobutadiene	8.333	225	26728	8.000	ng		94
35) Caprolactam	8.610	113	13507	7.557	ng		94
36) 4-Chloro-3-methylphenol	8.739	107	53739	8.215	ng		96
37) 2-Methylnaphthalene	8.916	142	106192	8.429	ng		99
38) 1-Methylnaphthalene	9.016	142	100906	8.364	ng		97
40) 1,2,4,5-Tetrachloroben...	9.080	216	42925	8.477	ng		99
41) Hexachlorocyclopentadiene	9.063	237	21756	7.921	ng		96
43) 2,4,6-Trichlorophenol	9.186	196	28166	7.584	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	31110	7.960	ng		96
46) 1,1'-Biphenyl	9.375	154	130996	8.595	ng		97
47) 2-Chloronaphthalene	9.404	162	91475	8.093	ng		92
48) 2-Nitroaniline	9.498	65	34185	7.665	ng		95
49) Acenaphthylene	9.822	152	161875	8.817	ng		98
50) Dimethylphthalate	9.669	163	110884	8.064	ng		99
51) 2,6-Dinitrotoluene	9.739	165	23309	8.332	ng		99
52) Acenaphthene	9.992	154	96388	8.073	ng		98
53) 3-Nitroaniline	9.904	138	27498	8.041	ng		96
54) 2,4-Dinitrophenol	10.010	184	9033	6.100	ng		89
55) Dibenzofuran	10.163	168	133549	8.134	ng		91
56) 4-Nitrophenol	10.057	139	20217	8.004	ng	#	87
57) 2,4-Dinitrotoluene	10.139	165	30404	8.038	ng	#	97
58) Fluorene	10.504	166	104566	8.176	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	22742	7.340	ng		98
60) Diethylphthalate	10.374	149	118477	8.246	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	49415	8.194	ng		100
62) 4-Nitroaniline	10.516	138	26485	7.843	ng	#	71
63) Azobenzene	10.657	77	124942	7.809	ng		94
65) 4,6-Dinitro-2-methylph...	10.545	198	13214	6.380	ng		87
66) n-Nitrosodiphenylamine	10.616	169	91855	7.947	ng		98
67) 4-Bromophenyl-phenylether	10.986	248	31298	7.947	ng	#	84
68) Hexachlorobenzene	11.051	284	34352	8.102	ng	#	94
69) Atrazine	11.139	200	29884	8.336	ng		94
70) Pentachlorophenol	11.245	266	16293	7.040	ng		97
71) Phenanthrene	11.474	178	164026	8.314	ng		97
72) Anthracene	11.521	178	166902	8.498	ng		100
73) Carbazole	11.674	167	142452	7.909	ng		99
74) Di-n-butylphthalate	12.004	149	182812	7.895	ng		99
75) Fluoranthene	12.663	202	163156	8.710	ng		95
77) Benzidine	12.786	184	86088	11.731	ng		97
78) Pyrene	12.892	202	165369	7.049	ng		99
80) Butylbenzylphthalate	13.504	149	73743	6.640	ng		94
81) Benzo(a)anthracene	14.080	228	144852	7.957	ng		97
82) 3,3'-Dichlorobenzidine	14.039	252	52670	9.180	ng		98
83) Chrysene	14.115	228	139038	8.122	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	106430	7.299	ng		97
85) Di-n-octyl phthalate	14.674	149	164924	7.856	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	106139	6.653	ng	#	86
88) Benzo(b)fluoranthene	15.145	252	130540	7.989	ng	#	93
89) Benzo(k)fluoranthene	15.174	252	132182	8.387	ng	#	92
90) Benzo(a)pyrene	15.521	252	120774	9.463	ng	#	94
91) Dibenzo(a,h)anthracene	17.127	278	92571	7.016	ng	#	93
92) Benzo(g,h,i)perylene	17.568	276	85480	6.572	ng	#	88

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

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