Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140226.D
Acq On : 04 Nov 2024 18:41
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER-4 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2024

Quant Time: Nov 05 00:00:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 17:12:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	198738	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	754385	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	443013	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	846681	20.000	ng		0.00
76) Chrysene-d12	14.045	240	555472	20.000	ng		-0.01
86) Perylene-d12	15.539	264	458829	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1464674	124.880	ng		0.00
7) Phenol-d6	6.504	99	1894313	125.873	ng		0.00
23) Nitrobenzene-d5	7.434	82	1273713	85.416	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	704870	144.304	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2512585	88.650	ng		0.00
79) Terphenyl-d14	12.992	244	2738271	78.651	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	23873	4.611	ng		94
3) Pyridine	3.499	79	51153	4.023	ng		97
4) n-Nitrosodimethylamine	3.375	42	28389	3.985	ng	#	93
6) Aniline	6.540	93	76727	5.841	ng		97
8) 2-Chlorophenol	6.663	128	58599	4.740	ng		92
9) Benzaldehyde	6.428	77	50797	5.195	ng		91
10) Phenol	6.516	94	73758	4.608	ng	#	77
11) bis(2-Chloroethyl)ether	6.610	93	57958	4.710	ng		96
12) 1,3-Dichlorobenzene	6.816	146	68367	4.684	ng		98
13) 1,4-Dichlorobenzene	6.893	146	69055	4.683	ng		99
14) 1,2-Dichlorobenzene	7.046	146	63799	4.630	ng		98
15) Benzyl Alcohol	7.010	79	71645	6.078	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.146	45	79975	4.516	ng		98
17) 2-Methylphenol	7.116	107	46146	4.612	ng		96
18) Hexachloroethane	7.387	117	24059	4.383	ng		100
19) n-Nitroso-di-n-propyla...	7.275	70	42685	4.344	ng		99
20) 3+4-Methylphenols	7.269	107	60063	4.665	ng		95
22) Acetophenone	7.275	105	90505	4.895	ng		96
24) Nitrobenzene	7.451	77	70413	4.523	ng		99
25) Isophorone	7.687	82	114724	4.529	ng		99
26) 2-Nitrophenol	7.769	139	27561	4.511	ng		93
27) 2,4-Dimethylphenol	7.798	122	38608	4.614	ng		92
28) bis(2-Chloroethoxy)met...	7.898	93	70067	4.591	ng		99
29) 2,4-Dichlorophenol	8.004	162	48873	4.619	ng		99
30) 1,2,4-Trichlorobenzene	8.093	180	60974	4.693	ng		99
31) Naphthalene	8.175	128	177268	4.661	ng		99
32) Benzoic acid	7.851	122	15996	2.404	ng		92
33) 4-Chloroaniline	8.222	127	68115	5.404	ng		94
34) Hexachlorobutadiene	8.293	225	39264	4.355	ng		99
35) Caprolactam	8.551	113	14117	4.496	ng		87
36) 4-Chloro-3-methylphenol	8.692	107	50502	4.382	ng		97
37) 2-Methylnaphthalene	8.863	142	122059	4.809	ng		99
38) 1-Methylnaphthalene	8.963	142	111924	4.505	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	67160	4.912	ng		98
41) Hexachlorocyclopentadiene	9.022	237	15656	4.175	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	37274	4.464	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	37383	4.285	ng		97
46) 1,1'-Biphenyl	9.328	154	163315	5.079	ng		99
47) 2-Chloronaphthalene	9.357	162	116651	4.781	ng		96
48) 2-Nitroaniline	9.451	65	31298	4.127	ng		92
49) Acenaphthylene	9.775	152	182371	5.311	ng		98
50) Dimethylphthalate	9.628	163	130881	4.818	ng		99
51) 2,6-Dinitrotoluene	9.687	165	27560	4.257	ng		96
52) Acenaphthene	9.945	154	111690	4.563	ng		98
53) 3-Nitroaniline	9.857	138	27314	4.624	ng		99
54) 2,4-Dinitrophenol	9.969	184	3259	7.256	ng	#	86
55) Dibenzofuran	10.116	168	171148	4.950	ng		96
56) 4-Nitrophenol	10.016	139	15234	3.485	ng		91
57) 2,4-Dinitrotoluene	10.092	165	36026	4.251	ng		92
58) Fluorene	10.463	166	134401	4.861	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	32715	4.526	ng		97
60) Diethylphthalate	10.328	149	130740	4.724	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	68216	4.795	ng		96
62) 4-Nitroaniline	10.469	138	26364	4.390	ng		91
63) Azobenzene	10.616	77	128109	4.565	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	9544	2.153	ng		98
66) n-Nitrosodiphenylamine	10.569	169	113043	4.635	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	42744	4.483	ng		98
68) Hexachlorobenzene	11.010	284	47541	4.418	ng		100
69) Atrazine	11.092	200	39409	5.776	ng		97
70) Pentachlorophenol	11.204	266	15605	2.723	ng		97
71) Phenanthrene	11.428	178	197165	4.790	ng		98
72) Anthracene	11.475	178	199656	4.950	ng		98
73) Carbazole	11.633	167	169135	4.623	ng		98
74) Di-n-butylphthalate	11.963	149	194917	4.543	ng		98
75) Fluoranthene	12.616	202	204223	4.632	ng		98
77) Benzidine	12.739	184	51048	5.298	ng		96
78) Pyrene	12.845	202	211371	4.634	ng		97
80) Butylbenzylphthalate	13.463	149	65921	4.120	ng		99
81) Benzo(a)anthracene	14.039	228	173078	4.751	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	45454	4.135	ng		99
83) Chrysene	14.074	228	151470	4.520	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	94842	4.262	ng		98
85) Di-n-octyl phthalate	14.651	149	132648	4.020	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	114904	3.979	ng		99
88) Benzo(b)fluoranthene	15.104	252	122819	4.244	ng		100
89) Benzo(k)fluoranthene	15.127	252	118406	4.591	ng		99
90) Benzo(a)pyrene	15.474	252	101866	4.367	ng		98
91) Dibenzo(a,h)anthracene	17.057	278	92693	3.941	ng		99
92) Benzo(g,h,i)perylene	17.492	276	88041	3.666	ng		99

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

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