Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141140.D
Acq On : 14 Jan 2025 12:45
Operator : RC/JU
Sample : P1187-09
Misc : MDL-MDL-WATER 4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2024

Quant Time: Jan 14 13:12:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	145991	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	574753	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	309707	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	535941	20.000	ng		0.00
76) Chrysene-d12	13.980	240	329742	20.000	ng		0.00
86) Perylene-d12	15.439	264	299425	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1026969	108.669	ng		0.00
7) Phenol-d6	6.440	99	1304177	108.945	ng		0.00
23) Nitrobenzene-d5	7.381	82	873879	80.596	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	413422	117.153	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1612594	79.511	ng		0.00
79) Terphenyl-d14	12.933	244	1733065	78.118	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	17237	4.096	ng		98
3) Pyridine	3.322	79	35787	3.468	ng		98
4) n-Nitrosodimethylamine	3.210	42	18599	3.686	ng	#	98
6) Aniline	6.481	93	52743	4.963	ng		98
8) 2-Chlorophenol	6.604	128	41654	4.108	ng		94
9) Benzaldehyde	6.369	77	34556	4.901	ng		98
10) Phenol	6.457	94	53186	4.150	ng		79
11) bis(2-Chloroethyl)ether	6.551	93	39382	4.124	ng		97
12) 1,3-Dichlorobenzene	6.757	146	45815	4.051	ng		100
13) 1,4-Dichlorobenzene	6.834	146	47052	4.129	ng		98
14) 1,2-Dichlorobenzene	6.992	146	44309	4.168	ng		98
15) Benzyl Alcohol	6.957	79	45952	5.315	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	54240	4.070	ng		98
17) 2-Methylphenol	7.063	107	31487	3.847	ng		97
18) Hexachloroethane	7.334	117	16705	4.054	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	28221	4.002	ng		100
20) 3+4-Methylphenols	7.216	107	40958	3.966	ng	#	78
22) Acetophenone	7.222	105	62084	4.544	ng		98
24) Nitrobenzene	7.398	77	47026	4.161	ng		99
25) Isophorone	7.634	82	77449	4.180	ng		99
26) 2-Nitrophenol	7.716	139	18846	3.666	ng		97
27) 2,4-Dimethylphenol	7.745	122	18297	2.639	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	46683	4.014	ng		98
29) 2,4-Dichlorophenol	7.951	162	33548	4.074	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	38489	4.089	ng		99
31) Naphthalene	8.122	128	127649	4.211	ng		99
32) Benzoic acid	7.787	122	15705	2.361	ng		96
33) 4-Chloroaniline	8.169	127	46373	4.424	ng		99
34) Hexachlorobutadiene	8.239	225	22946	4.046	ng		95
35) Caprolactam	8.486	113	9940	3.687	ng		97
36) 4-Chloro-3-methylphenol	8.639	107	39562	4.393	ng		98
37) 2-Methylnaphthalene	8.810	142	81757	4.233	ng		100
38) 1-Methylnaphthalene	8.910	142	76330	4.010	ng		97
40) 1,2,4,5-Tetrachloroben...	8.981	216	38689	4.352	ng		99
41) Hexachlorocyclopentadiene	8.969	237	9337	3.211	ng		98
43) 2,4,6-Trichlorophenol	9.086	196	22603	3.770	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	24022	3.794	ng		99
46) 1,1'-Biphenyl	9.275	154	111083	4.618	ng		98
47) 2-Chloronaphthalene	9.298	162	76515	4.084	ng		99
48) 2-Nitroaniline	9.392	65	20733	3.734	ng		96
49) Acenaphthylene	9.716	152	118896	4.442	ng		100
50) Dimethylphthalate	9.569	163	87970	4.231	ng		100
51) 2,6-Dinitrotoluene	9.633	165	17804	3.682	ng		94
52) Acenaphthene	9.886	154	79569	4.255	ng		98
53) 3-Nitroaniline	9.798	138	19108	3.889	ng		98
54) 2,4-Dinitrophenol	9.904	184	3902	1.698	ng	#	1
55) Dibenzofuran	10.057	168	108879	4.281	ng		100
56) 4-Nitrophenol	9.951	139	15397	4.001	ng		99
57) 2,4-Dinitrotoluene	10.033	165	25163	4.038	ng		98
58) Fluorene	10.404	166	86309	4.368	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	21294	4.046	ng	#	100
60) Diethylphthalate	10.275	149	88297	4.350	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	42190	4.381	ng		99
62) 4-Nitroaniline	10.404	138	17145	3.565	ng		99
63) Azobenzene	10.557	77	84852	4.237	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	7769	2.502	ng		94
66) n-Nitrosodiphenylamine	10.510	169	73377	4.245	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	25451	4.125	ng		99
68) Hexachlorobenzene	10.951	284	29077	4.233	ng		99
69) Atrazine	11.033	200	22842	4.907	ng		96
70) Pentachlorophenol	11.139	266	16559	3.765	ng		98
71) Phenanthrene	11.363	178	128345	4.461	ng		98
72) Anthracene	11.416	178	121143	4.330	ng		99
73) Carbazole	11.569	167	107578	4.194	ng		98
74) Di-n-butylphthalate	11.904	149	126513	4.309	ng		99
75) Fluoranthene	12.551	202	125089	4.357	ng		98
77) Benzidine	12.680	184	23881	3.905	ng	#	95
78) Pyrene	12.780	202	141324	4.487	ng		99
80) Butylbenzylphthalate	13.404	149	39904	3.800	ng		99
81) Benzo(a)anthracene	13.968	228	92436	4.119	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	24957	3.493	ng		98
83) Chrysene	14.004	228	86558	4.122	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	49907	3.961	ng		99
85) Di-n-octyl phthalate	14.586	149	63582	3.342	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	84820	3.867	ng		97
88) Benzo(b)fluoranthene	15.010	252	75745	3.923	ng		99
89) Benzo(k)fluoranthene	15.039	252	68657	4.208	ng		99
90) Benzo(a)pyrene	15.374	252	64676	4.060	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	66034	3.722	ng		97
92) Benzo(g,h,i)perylene	17.315	276	66427	3.599	ng		97

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

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