Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011325\
Data File : BF141131.D
Acq On : 13 Jan 2025 17:29
Operator : RC/JU
Sample : P1187-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 13 17:50:13 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

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	146475	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	569466	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	310369	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	538631	20.000	ng		0.00
76) Chrysene-d12	13.980	240	333772	20.000	ng		0.00
86) Perylene-d12	15.445	264	294187	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1016133	107.167	ng		0.00
7) Phenol-d6	6.445	99	1291989	107.570	ng		0.00
23) Nitrobenzene-d5	7.381	82	879072	81.828	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	416248	117.702	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1607109	79.071	ng		0.00
79) Terphenyl-d14	12.933	244	1731800	77.118	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	16561	3.922	ng		99
3) Pyridine	3.322	79	35600	3.438	ng		99
4) n-Nitrosodimethylamine	3.210	42	18811	3.716	ng	#	97
6) Aniline	6.481	93	52197	4.895	ng		99
8) 2-Chlorophenol	6.604	128	42315	4.160	ng		96
9) Benzaldehyde	6.369	77	34788	4.918	ng		98
10) Phenol	6.457	94	52243	4.063	ng	#	74
11) bis(2-Chloroethyl)ether	6.551	93	38790	4.048	ng		99
12) 1,3-Dichlorobenzene	6.757	146	45418	4.003	ng		99
13) 1,4-Dichlorobenzene	6.839	146	47072	4.117	ng		97
14) 1,2-Dichlorobenzene	6.992	146	43550	4.083	ng		98
15) Benzyl Alcohol	6.957	79	45935	5.296	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.086	45	55313	4.137	ng		98
17) 2-Methylphenol	7.063	107	33485	4.077	ng		98
18) Hexachloroethane	7.333	117	17278	4.179	ng		96
19) n-Nitroso-di-n-propyla...	7.222	70	29346	4.148	ng		99
20) 3+4-Methylphenols	7.216	107	42538	4.105	ng	#	78
22) Acetophenone	7.222	105	59519	4.397	ng		99
24) Nitrobenzene	7.398	77	46474	4.151	ng		98
25) Isophorone	7.633	82	75576	4.117	ng		100
26) 2-Nitrophenol	7.716	139	19401	3.809	ng		99
27) 2,4-Dimethylphenol	7.745	122	18803	2.737	ng		99
28) bis(2-Chloroethoxy)met...	7.845	93	47560	4.128	ng		98
29) 2,4-Dichlorophenol	7.951	162	33011	4.046	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	37420	4.012	ng		98
31) Naphthalene	8.122	128	129410	4.309	ng		98
32) Benzoic acid	7.792	122	15355	2.330	ng		97
33) 4-Chloroaniline	8.169	127	46129	4.441	ng		98
34) Hexachlorobutadiene	8.239	225	22918	4.078	ng		97
35) Caprolactam	8.492	113	10380	3.886	ng		98
36) 4-Chloro-3-methylphenol	8.639	107	43023	4.822	ng		97
37) 2-Methylnaphthalene	8.810	142	82289	4.300	ng		99
38) 1-Methylnaphthalene	8.910	142	76273	4.044	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	38939	4.371	ng		97
41) Hexachlorocyclopentadiene	8.969	237	9462	3.247	ng		100
43) 2,4,6-Trichlorophenol	9.086	196	23707	3.946	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	26006	4.099	ng		97
46) 1,1'-Biphenyl	9.275	154	109685	4.551	ng		99
47) 2-Chloronaphthalene	9.304	162	77240	4.114	ng		99
48) 2-Nitroaniline	9.392	65	21734	3.905	ng		94
49) Acenaphthylene	9.716	152	121361	4.525	ng		99
50) Dimethylphthalate	9.569	163	88717	4.258	ng		100
51) 2,6-Dinitrotoluene	9.633	165	18247	3.766	ng		94
52) Acenaphthene	9.886	154	82905	4.424	ng		99
53) 3-Nitroaniline	9.798	138	19536	3.968	ng		99
54) 2,4-Dinitrophenol	9.904	184	4727	2.052	ng	#	1
55) Dibenzofuran	10.057	168	110287	4.327	ng		99
56) 4-Nitrophenol	9.951	139	20554	5.330	ng		96
57) 2,4-Dinitrotoluene	10.033	165	27800	4.452	ng		94
58) Fluorene	10.404	166	87351	4.411	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.174	232	22753m	4.314	ng		
60) Diethylphthalate	10.274	149	89336	4.392	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	43044	4.460	ng		98
62) 4-Nitroaniline	10.404	138	16792	3.484	ng		92
63) Azobenzene	10.557	77	83787	4.174	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	8782	2.814	ng		99
66) n-Nitrosodiphenylamine	10.510	169	76611	4.410	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	26599	4.289	ng		99
68) Hexachlorobenzene	10.951	284	29706	4.303	ng		98
69) Atrazine	11.033	200	23598	5.045	ng		98
70) Pentachlorophenol	11.139	266	23429	5.300	ng		98
71) Phenanthrene	11.363	178	132917	4.596	ng		99
72) Anthracene	11.416	178	128473	4.569	ng		98
73) Carbazole	11.569	167	113118	4.387	ng		99
74) Di-n-butylphthalate	11.910	149	135278	4.585	ng		99
75) Fluoranthene	12.551	202	132731	4.600	ng		98
77) Benzidine	12.680	184	27780	4.488	ng		96
78) Pyrene	12.780	202	161145	5.055	ng		99
80) Butylbenzylphthalate	13.404	149	41615	3.915	ng		97
81) Benzo(a)anthracene	13.968	228	95565	4.207	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	25485	3.523	ng		99
83) Chrysene	14.004	228	94248	4.434	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	52316	4.102	ng		98
85) Di-n-octyl phthalate	14.592	149	67933	3.528	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	85437	3.964	ng		98
88) Benzo(b)fluoranthene	15.015	252	79001	4.164	ng		99
89) Benzo(k)fluoranthene	15.045	252	69675	4.346	ng		98
90) Benzo(a)pyrene	15.380	252	66887	4.274	ng		98
91) Dibenzo(a,h)anthracene	16.909	278	68042	3.903	ng		98
92) Benzo(g,h,i)perylene	17.321	276	70340	3.879	ng		97

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

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