Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141311.D
Acq On : 30 Jan 2025 14:05
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 30 14:27:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	167907	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	667530	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	361934	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	617268	20.000	ng		0.00
76) Chrysene-d12	13.963	240	355432	20.000	ng		-0.01
86) Perylene-d12	15.427	264	344074	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1134909	103.767	ng		0.00
7) Phenol-d6	6.428	99	1543786	110.957	ng		-0.01
23) Nitrobenzene-d5	7.363	82	1065687	84.160	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	402985	121.450	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1841224	78.301	ng		0.00
79) Terphenyl-d14	12.916	244	1811027	78.579	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	37737	7.845	ng		99
3) Pyridine	3.251	79	87614	7.560	ng		99
4) n-Nitrosodimethylamine	3.152	42	53596	8.095	ng		98
6) Aniline	6.463	93	132498	11.250	ng		98
8) 2-Chlorophenol	6.581	128	99919	8.524	ng		87
9) Benzaldehyde	6.345	77	83656	10.380	ng		97
10) Phenol	6.440	94	126423	8.572	ng	#	71
11) bis(2-Chloroethyl)ether	6.534	93	98467	8.707	ng		99
12) 1,3-Dichlorobenzene	6.739	146	106411	8.233	ng		98
13) 1,4-Dichlorobenzene	6.816	146	107647	8.290	ng		99
14) 1,2-Dichlorobenzene	6.969	146	100303	8.249	ng		98
15) Benzyl Alcohol	6.934	79	98005	10.307	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	183229	9.318	ng		99
17) 2-Methylphenol	7.045	107	78617	8.252	ng		100
18) Hexachloroethane	7.310	117	38033	7.940	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	77069	9.322	ng		99
20) 3+4-Methylphenols	7.198	107	106154	9.074	ng		91
22) Acetophenone	7.204	105	154857	9.760	ng		98
24) Nitrobenzene	7.381	77	114442	8.721	ng		99
25) Isophorone	7.616	82	204498	9.343	ng		99
26) 2-Nitrophenol	7.692	139	53982	8.723	ng		99
27) 2,4-Dimethylphenol	7.728	122	49991m	6.346	ng		
28) bis(2-Chloroethoxy)met...	7.828	93	126351	9.050	ng		98
29) 2,4-Dichlorophenol	7.934	162	86212	8.940	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	95183	8.643	ng		99
31) Naphthalene	8.098	128	316119	8.964	ng		100
32) Benzoic acid	7.798	122	45223	6.245	ng		98
33) 4-Chloroaniline	8.151	127	119795	10.018	ng		99
34) Hexachlorobutadiene	8.222	225	53155	8.230	ng		99
35) Caprolactam	8.486	113	27105	8.606	ng		98
36) 4-Chloro-3-methylphenol	8.628	107	94685	9.154	ng		99
37) 2-Methylnaphthalene	8.792	142	209866	9.364	ng		99
38) 1-Methylnaphthalene	8.892	142	191337	8.691	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	97402	9.460	ng		99
41) Hexachlorocyclopentadiene	8.945	237	19560	6.432	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	59294	8.798	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	63378	8.640	ng	99
46) 1,1'-Biphenyl	9.257	154	272916	9.669	ng	99
47) 2-Chloronaphthalene	9.281	162	195084	8.867	ng	98
48) 2-Nitroaniline	9.375	65	61129	8.833	ng	98
49) Acenaphthylene	9.692	152	305006	9.904	ng	100
50) Dimethylphthalate	9.551	163	223562	9.146	ng	100
51) 2,6-Dinitrotoluene	9.616	165	46706	8.229	ng	99
52) Acenaphthene	9.869	154	198695	9.031	ng	100
53) 3-Nitroaniline	9.780	138	50442	9.068	ng	100
54) 2,4-Dinitrophenol	9.892	184	15882	6.019	ng	96
55) Dibenzofuran	10.039	168	275937	9.370	ng	99
56) 4-Nitrophenol	9.939	139	32270	7.932	ng	99
57) 2,4-Dinitrotoluene	10.016	165	63034	8.578	ng	98
58) Fluorene	10.380	166	217730	9.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	52700	9.132	ng	98
60) Diethylphthalate	10.257	149	217049	9.157	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	104658	9.379	ng	99
62) 4-Nitroaniline	10.392	138	44943	8.218	ng	98
63) Azobenzene	10.539	77	221839	9.350	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	28861	7.905	ng	99
66) n-Nitrosodiphenylamine	10.492	169	184321	9.232	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	63173	9.142	ng	94
68) Hexachlorobenzene	10.927	284	64276	8.768	ng	99
69) Atrazine	11.016	200	59894	8.973	ng	99
70) Pentachlorophenol	11.127	266	33347	7.769	ng	97
71) Phenanthrene	11.345	178	317451	9.567	ng	99
72) Anthracene	11.398	178	305683	9.402	ng	99
73) Carbazole	11.551	167	258877	8.980	ng	100
74) Di-n-butylphthalate	11.886	149	331913	9.500	ng	99
75) Fluoranthene	12.533	202	308381	9.413	ng	99
77) Benzidine	12.663	184	51239	4.497	ng	97
78) Pyrene	12.763	202	314156	9.208	ng	99
80) Butylbenzylphthalate	13.386	149	106621	8.945	ng	99
81) Benzo(a)anthracene	13.957	228	223860	9.127	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	66518	8.527	ng	99
83) Chrysene	13.992	228	194893	8.670	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	137717	9.108	ng	98
85) Di-n-octyl phthalate	14.574	149	193828	8.253	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	200113	9.011	ng	99
88) Benzo(b)fluoranthene	15.004	252	183124	8.461	ng	99
89) Benzo(k)fluoranthene	15.033	252	191195	9.972	ng	99
90) Benzo(a)pyrene	15.362	252	171828	9.395	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	155964	8.729	ng	99
92) Benzo(g,h,i)perylene	17.304	276	156882	8.445	ng	99

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

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