Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141305.D
Acq On : 30 Jan 2025 10:53
Operator : RC/JU
Sample : Q1168-08
Misc : LOQ-WATER 5PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 31 01:08:03 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 :
LOQ-WATER-02-QT1-2025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/31/2025
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	135443	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	543446	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	300876	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	510790	20.000	ng	0.00
76) Chrysene-d12	13.968	240	315051	20.000	ng	0.00
86) Perylene-d12	15.439	264	282712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	833063	94.425	ng	0.00
7) Phenol-d6	6.422	99	1065644	94.949	ng	-0.02
23) Nitrobenzene-d5	7.357	82	721730	70.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	264144	95.762	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1299971	66.503	ng	0.00
79) Terphenyl-d14	12.910	244	1335416	65.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	20313	5.235	ng	100
3) Pyridine	3.252	79	41665	4.457	ng	97
6) Aniline	6.457	93	62122	6.539	ng	97
8) 2-Chlorophenol	6.581	128	50137	5.302	ng	94
10) Phenol	6.440	94	63367	5.326	ng	88
11) bis(2-Chloroethyl)ether	6.534	93	47197	5.174	ng	98
12) 1,3-Dichlorobenzene	6.740	146	54084	5.187	ng	94
13) 1,4-Dichlorobenzene	6.816	146	54364	5.190	ng	98
14) 1,2-Dichlorobenzene	6.969	146	51383	5.239	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	88746	5.595	ng	99
17) 2-Methylphenol	7.045	107	38117	4.960	ng	100
18) Hexachloroethane	7.310	117	19233	4.977	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	35151	5.271	ng	99
22) Acetophenone	7.204	105	73363	5.679	ng	96
24) Nitrobenzene	7.375	77	54626	5.113	ng	100
25) Isophorone	7.610	82	96265	5.402	ng	99
26) 2-Nitrophenol	7.692	139	24775	4.917	ng	96
27) 2,4-Dimethylphenol	7.728	122	23781m	3.708	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	59938	5.273	ng	97
29) 2,4-Dichlorophenol	7.934	162	39142	4.986	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	44897	5.008	ng	99
31) Naphthalene	8.098	128	154646	5.387	ng	99
33) 4-Chloroaniline	8.151	127	55680	5.719	ng	98
34) Hexachlorobutadiene	8.222	225	25237	4.800	ng	98
36) 4-Chloro-3-methylphenol	8.622	107	46144	5.479	ng	97
37) 2-Methylnaphthalene	8.792	142	97900	5.365	ng	99
38) 1-Methylnaphthalene	8.892	142	92734	5.174	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	45240	5.285	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	26232	4.682	ng	99
44) 2,4,5-Trichlorophenol	9.110	196	29547	4.846	ng	98
46) 1,1'-Biphenyl	9.257	154	132082	5.629	ng	99
47) 2-Chloronaphthalene	9.281	162	92174	5.040	ng	98
48) 2-Nitroaniline	9.375	65	26774	4.654	ng	99
49) Acenaphthylene	9.692	152	144586	5.647	ng	100
50) Dimethylphthalate	9.551	163	109099	5.369	ng	100
51) 2,6-Dinitrotoluene	9.616	165	21551	4.568	ng	99

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52) Acenaphthene	9.869	154	96226	5.261	ng	99
53) 3-Nitroaniline	9.781	138	22774	4.925	ng	94
55) Dibenzofuran	10.039	168	134530	5.495	ng	99
57) 2,4-Dinitrotoluene	10.016	165	30753	5.034	ng	99
58) Fluorene	10.380	166	107748	5.674	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	24997	5.211	ng	99
60) Diethylphthalate	10.257	149	105225	5.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	51064	5.505	ng	99
62) 4-Nitroaniline	10.386	138	19748	4.344	ng	95
63) Azobenzene	10.533	77	104381	5.292	ng	99
66) n-Nitrosodiphenylamine	10.492	169	89399	5.411	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	30700	5.369	ng	94
68) Hexachlorobenzene	10.928	284	32572	5.370	ng	98
69) Atrazine	11.016	200	29307	5.306	ng	100
71) Phenanthrene	11.345	178	157538	5.738	ng	99
72) Anthracene	11.398	178	146205	5.435	ng	99
73) Carbazole	11.551	167	127856	5.360	ng	99
74) Di-n-butylphthalate	11.886	149	165080	5.710	ng	100
75) Fluoranthene	12.533	202	153181	5.650	ng	100
78) Pyrene	12.763	202	168289	5.565	ng	98
80) Butylbenzylphthalate	13.386	149	53904	5.102	ng	98
81) Benzo(a)anthracene	13.957	228	111688	5.137	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	30484	4.409	ng	99
83) Chrysene	13.992	228	108042	5.423	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	73135	5.457	ng	97
87) Indeno(1,2,3-cd)pyrene	16.880	276	82536	4.523	ng	99
88) Benzo(b)fluoranthene	15.015	252	97496	5.482	ng	99
89) Benzo(k)fluoranthene	15.045	252	80322	5.099	ng	99
90) Benzo(a)pyrene	15.380	252	78988	5.256	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	64131	4.368	ng	98
92) Benzo(g,h,i)perylene	17.321	276	66810	4.377	ng	98

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

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