Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064066.D
Acq On : 7 Mar 2025 19:42
Operator : RC/JU
Sample : Q1514-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 07 22:57:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.867	152	33566	20.000	ng		0.00
21) Naphthalene-d8	10.652	136	156638	20.000	ng		0.00
39) Acenaphthene-d10	14.488	164	110984	20.000	ng		0.00
64) Phenanthrene-d10	17.232	188	250922	20.000	ng		0.00
76) Chrysene-d12	21.462	240	258735	20.000	ng		0.00
86) Perylene-d12	24.477	264	281256	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	206469	96.047	ng		0.00
7) Phenol-d6	7.032	99	276848	94.669	ng		0.00
23) Nitrobenzene-d5	9.012	82	173112	61.074	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	122716	99.473	ng		0.00
45) 2-Fluorobiphenyl	13.113	172	415113	56.773	ng		0.00
79) Terphenyl-d14	19.853	244	706569	55.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.366	88	40768	41.846	ng		93
3) Pyridine	3.754	79	98855	41.722	ng		97
4) n-Nitrosodimethylamine	3.672	42	81254	47.999	ng		95
6) Aniline	7.191	93	72249	25.177	ng		98
8) 2-Chlorophenol	7.432	128	102595	44.437	ng		98
9) Benzaldehyde	7.003	77	34444	20.252	ng		91
10) Phenol	7.056	94	144263	48.182	ng		99
11) bis(2-Chloroethyl)ether	7.291	93	93270	39.734	ng		98
12) 1,3-Dichlorobenzene	7.755	146	102943	40.603	ng		97
13) 1,4-Dichlorobenzene	7.902	146	103840	39.958	ng		99
14) 1,2-Dichlorobenzene	8.213	146	102804	41.025	ng		98
15) Benzyl Alcohol	8.096	79	107085	47.386	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.390	45	226458	42.905	ng		99
17) 2-Methylphenol	8.301	107	94963	47.788	ng		98
18) Hexachloroethane	8.942	117	40682	44.744	ng		98
19) n-Nitroso-di-n-propyla...	8.666	70	86490	42.142	ng		99
20) 3+4-Methylphenols	8.625	107	129042	47.169	ng		96
22) Acetophenone	8.677	105	188992	44.006	ng		97
24) Nitrobenzene	9.053	77	124896	42.637	ng		99
25) Isophorone	9.582	82	243737	42.962	ng		96
26) 2-Nitrophenol	9.764	139	45272	45.328	ng	#	94
27) 2,4-Dimethylphenol	9.829	122	99924	58.752	ng		94
28) bis(2-Chloroethoxy)met...	10.064	93	142280	41.365	ng		94
29) 2,4-Dichlorophenol	10.299	162	99803	46.472	ng		97
30) 1,2,4-Trichlorobenzene	10.516	180	103202	39.808	ng		98
31) Naphthalene	10.704	128	339336	40.175	ng		98
32) Benzoic acid	9.982	122	68153m	44.427	ng		
33) 4-Chloroaniline	10.804	127	32553	10.545	ng		96
34) Hexachlorobutadiene	10.992	225	69808	41.081	ng		94
35) Caprolactam	11.568	113	40944m	49.751	ng		
36) 4-Chloro-3-methylphenol	11.932	107	127938	45.447	ng		99
37) 2-Methylnaphthalene	12.308	142	237269	39.792	ng		98
38) 1-Methylnaphthalene	12.532	142	238794	40.877	ng		97
40) 1,2,4,5-Tetrachloroben...	12.679	216	140623	44.381	ng		97
41) Hexachlorocyclopentadiene	12.667	237	150670	168.953	ng		98
43) 2,4,6-Trichlorophenol	12.920	196	88001	47.124	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	96973	46.735	ng		98
46) 1,1'-Biphenyl	13.325	154	378352	45.123	ng		98
47) 2-Chloronaphthalene	13.360	162	254994	41.697	ng		98
48) 2-Nitroaniline	13.560	65	87730	44.009	ng		97
49) Acenaphthylene	14.212	152	423207	43.752	ng		99
50) Dimethylphthalate	13.954	163	339425	41.431	ng		98
51) 2,6-Dinitrotoluene	14.059	165	69089	42.018	ng	#	88
52) Acenaphthene	14.553	154	266856	41.108	ng		99
53) 3-Nitroaniline	14.388	138	30201	19.074	ng		92
54) 2,4-Dinitrophenol	14.594	184	65137	92.618	ng	#	83
55) Dibenzofuran	14.888	168	419223	39.864	ng		100
56) 4-Nitrophenol	14.700	139	135237	101.839	ng		93
57) 2,4-Dinitrotoluene	14.847	165	102071	44.773	ng	#	92
58) Fluorene	15.534	166	344428	42.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.111	232	93019	45.984	ng		97
60) Diethylphthalate	15.317	149	365567	41.103	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	168550	41.410	ng		93
62) 4-Nitroaniline	15.552	138	74889	43.808	ng		93
63) Azobenzene	15.822	77	412893	43.506	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	50174	46.578	ng		90
66) n-Nitrosodiphenylamine	15.746	169	304696	42.899	ng		97
67) 4-Bromophenyl-phenylether	16.427	248	111198	43.269	ng		97
68) Hexachlorobenzene	16.539	284	120255	41.797	ng		97
69) Atrazine	16.697	200	134559	64.388	ng		97
70) Pentachlorophenol	16.880	266	165854	92.844	ng		98
71) Phenanthrene	17.273	178	572145	42.750	ng		99
72) Anthracene	17.361	178	584769	43.941	ng		99
73) Carbazole	17.632	167	523997	42.172	ng		99
74) Di-n-butylphthalate	18.202	149	646327	44.191	ng		100
75) Fluoranthene	19.283	202	675973	41.895	ng		99
77) Benzidine	19.465	184	256098	71.481	ng		99
78) Pyrene	19.641	202	709058	42.513	ng		99
80) Butylbenzylphthalate	20.546	149	284887	45.708	ng		99
81) Benzo(a)anthracene	21.445	228	714459	43.108	ng		98
82) 3,3'-Dichlorobenzidine	21.368	252	106430	19.842	ng		97
83) Chrysene	21.509	228	681295	41.215	ng		99
84) Bis(2-ethylhexyl)phtha...	21.380	149	433115	48.320	ng		99
85) Di-n-octyl phthalate	22.532	149	735976	47.604	ng		100
87) Indeno(1,2,3-cd)pyrene	27.884	276	838700	44.568	ng		99
88) Benzo(b)fluoranthene	23.531	252	709715	41.741	ng		98
89) Benzo(k)fluoranthene	23.595	252	694033	40.688	ng		99
90) Benzo(a)pyrene	24.341	252	672829	44.433	ng		97
91) Dibenzo(a,h)anthracene	27.949	278	689445	44.192	ng		99
92) Benzo(g,h,i)perylene	28.948	276	652760	40.752	ng		98

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

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