Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064067.D
Acq On : 7 Mar 2025 20:22
Operator : RC/JU
Sample : Q1514-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02MSD

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

Quant Time: Mar 07 22:57:45 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	34411	20.000	ng	#	0.00
21) Naphthalene-d8	10.649	136	153312	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	112515	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	255500	20.000	ng		0.00
76) Chrysene-d12	21.466	240	257819	20.000	ng		0.00
86) Perylene-d12	24.480	264	278096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.449	112	201238	91.314	ng		0.00
7) Phenol-d6	7.030	99	272596	90.926	ng		0.00
23) Nitrobenzene-d5	9.016	82	173515	62.544	ng		0.00
42) 2,4,6-Tribromophenol	15.978	330	127687	102.094	ng		0.00
45) 2-Fluorobiphenyl	13.111	172	418318	56.433	ng		0.00
79) Terphenyl-d14	19.850	244	712984	55.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	40262	40.312	ng		94
3) Pyridine	3.751	79	95917	39.488	ng		97
4) n-Nitrosodimethylamine	3.669	42	78998	45.520	ng		93
6) Aniline	7.189	93	72408	24.613	ng		98
8) 2-Chlorophenol	7.430	128	102971	43.505	ng		99
9) Benzaldehyde	7.001	77	35156	20.163	ng		98
10) Phenol	7.053	94	138389	45.085	ng		96
11) bis(2-Chloroethyl)ether	7.289	93	92519	38.446	ng		99
12) 1,3-Dichlorobenzene	7.753	146	98477	37.888	ng		96
13) 1,4-Dichlorobenzene	7.900	146	101185	37.981	ng		93
14) 1,2-Dichlorobenzene	8.217	146	100188	39.000	ng		96
15) Benzyl Alcohol	8.099	79	103403	44.633	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.387	45	219491	40.564	ng		98
17) 2-Methylphenol	8.305	107	93302	45.799	ng		97
18) Hexachloroethane	8.945	117	40053	42.970	ng		95
19) n-Nitroso-di-n-propyla...	8.663	70	87269	41.477	ng		99
20) 3+4-Methylphenols	8.628	107	128180	45.704	ng		93
22) Acetophenone	8.681	105	183133	43.567	ng	#	98
24) Nitrobenzene	9.057	77	125094	43.631	ng		99
25) Isophorone	9.580	82	241168	43.431	ng		97
26) 2-Nitrophenol	9.768	139	47450	47.899	ng		94
27) 2,4-Dimethylphenol	9.827	122	95972	57.653	ng		92
28) bis(2-Chloroethoxy)met...	10.068	93	139576	41.460	ng	#	97
29) 2,4-Dichlorophenol	10.297	162	100242	47.689	ng		95
30) 1,2,4-Trichlorobenzene	10.514	180	104985	41.374	ng		96
31) Naphthalene	10.702	128	334948	40.516	ng		99
32) Benzoic acid	9.974	122	74121m	48.400	ng		
33) 4-Chloroaniline	10.802	127	35030	11.593	ng		96
34) Hexachlorobutadiene	10.996	225	68725	41.321	ng		98
35) Caprolactam	11.572	113	40909m	50.786	ng		
36) 4-Chloro-3-methylphenol	11.930	107	129850	47.127	ng		96
37) 2-Methylnaphthalene	12.312	142	239353	41.012	ng		99
38) 1-Methylnaphthalene	12.529	142	235268	41.147	ng		100
40) 1,2,4,5-Tetrachloroben...	12.682	216	140504	43.740	ng		98
41) Hexachlorocyclopentadiene	12.665	237	145176	160.578	ng		99
43) 2,4,6-Trichlorophenol	12.917	196	90199	47.644	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	99847	47.465	ng		97
46) 1,1'-Biphenyl	13.323	154	379286	44.619	ng		99
47) 2-Chloronaphthalene	13.364	162	252080	40.660	ng		98
48) 2-Nitroaniline	13.564	65	93209	45.748	ng		97
49) Acenaphthylene	14.210	152	431162	43.968	ng		99
50) Dimethylphthalate	13.951	163	342782	41.271	ng		98
51) 2,6-Dinitrotoluene	14.057	165	69573	41.759	ng		92
52) Acenaphthene	14.556	154	274782	41.753	ng		98
53) 3-Nitroaniline	14.386	138	33087	20.612	ng		93
54) 2,4-Dinitrophenol	14.592	184	70749	98.667	ng		85
55) Dibenzofuran	14.891	168	425986	39.956	ng		97
56) 4-Nitrophenol	14.697	139	137375	102.041	ng		90
57) 2,4-Dinitrotoluene	14.850	165	106088	45.810	ng		99
58) Fluorene	15.538	166	348722	41.996	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.109	232	96761	47.183	ng		97
60) Diethylphthalate	15.314	149	370839	41.129	ng		99
61) 4-Chlorophenyl-phenyle...	15.532	204	168172	40.755	ng		92
62) 4-Nitroaniline	15.549	138	75161	43.369	ng		96
63) Azobenzene	15.826	77	422978	43.962	ng		98
65) 4,6-Dinitro-2-methylph...	15.608	198	50514	46.146	ng		95
66) n-Nitrosodiphenylamine	15.743	169	308325	42.632	ng		99
67) 4-Bromophenyl-phenylether	16.425	248	113153	43.241	ng		94
68) Hexachlorobenzene	16.537	284	123360	42.108	ng		97
69) Atrazine	16.695	200	135483	63.668	ng		93
70) Pentachlorophenol	16.877	266	167008	91.815	ng		96
71) Phenanthrene	17.271	178	590686	43.344	ng		98
72) Anthracene	17.365	178	591592	43.657	ng		98
73) Carbazole	17.629	167	533785	42.190	ng		99
74) Di-n-butylphthalate	18.205	149	653880	43.906	ng		99
75) Fluoranthene	19.280	202	687578	41.851	ng		99
77) Benzidine	19.462	184	240885	67.474	ng		98
78) Pyrene	19.645	202	716988	43.141	ng		99
80) Butylbenzylphthalate	20.544	149	288496	46.392	ng		99
81) Benzo(a)anthracene	21.442	228	710986	43.051	ng		99
82) 3,3'-Dichlorobenzidine	21.366	252	108561	20.311	ng		99
83) Chrysene	21.507	228	680629	41.321	ng		99
84) Bis(2-ethylhexyl)phtha...	21.384	149	436698	48.893	ng		100
85) Di-n-octyl phthalate	22.529	149	744329	48.315	ng		100
87) Indeno(1,2,3-cd)pyrene	27.888	276	828228	44.512	ng	#	93
88) Benzo(b)fluoranthene	23.534	252	694923	41.335	ng		98
89) Benzo(k)fluoranthene	23.593	252	696746	41.311	ng		99
90) Benzo(a)pyrene	24.339	252	661351	44.171	ng		97
91) Dibenzo(a,h)anthracene	27.947	278	673345	43.651	ng		98
92) Benzo(g,h,i)perylene	28.945	276	639032	40.349	ng		98

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

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