Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
Data File : BG063960.D
Acq On : 24 Jan 2025 16:55
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Jan 27 15:02:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:52:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	90021	20.000	ng		0.00
21) Naphthalene-d8	10.749	136	387102	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	241055	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	515429	20.000	ng		0.00
76) Chrysene-d12	21.566	240	517638	20.000	ng		0.00
86) Perylene-d12	24.656	264	544331	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.543	112	956945	146.677	ng		0.00
7) Phenol-d6	7.118	99	1303911	147.973	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	16.060	330	404087	164.112	ng		0.00
45) 2-Fluorobiphenyl	13.205	172	2429412	142.433	ng		0.00
79) Terphenyl-d14	19.938	244	3496261	134.978	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	203764	70.441	ng		99
3) Pyridine	3.863	79	600666m	75.780	ng		
4) n-Nitrosodimethylamine	3.781	42	328528	72.847	ng		99
6) Aniline	7.288	93	539182	73.832	ng		97
8) 2-Chlorophenol	7.523	128	512669	74.844	ng		99
10) Phenol	7.147	94	685483	73.649	ng		96
11) bis(2-Chloroethyl)ether	7.382	93	531782	73.010	ng		99
12) 1,3-Dichlorobenzene	7.846	146	541642	73.246	ng		99
13) 1,4-Dichlorobenzene	7.993	146	554227	73.949	ng		98
14) 1,2-Dichlorobenzene	8.311	146	538798	73.983	ng		98
15) Benzyl Alcohol	8.193	79	497043	76.004	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1010018	75.029	ng		98
17) 2-Methylphenol	8.393	107	457513	75.500	ng		98
18) Hexachloroethane	9.039	117	203451	77.837	ng		96
19) n-Nitroso-di-n-propyla...	8.769	70	445009	74.925	ng		99
20) 3+4-Methylphenols	8.722	107	626384	75.812	ng		99
22) Acetophenone	8.775	105	821146	73.629	ng	#	95
24) Nitrobenzene	9.157	77	639927	87.243	ng		99
25) Isophorone	9.680	82	1185693	75.305	ng		98
26) 2-Nitrophenol	9.862	139	192017	79.800	ng		93
27) 2,4-Dimethylphenol	9.920	122	354794	77.749	ng		96
28) bis(2-Chloroethoxy)met...	10.161	93	730608	75.855	ng		99
29) 2,4-Dichlorophenol	10.390	162	450142	78.247	ng		94
30) 1,2,4-Trichlorobenzene	10.614	180	531179	75.015	ng		97
31) Naphthalene	10.802	128	1649339	74.203	ng		99
32) Benzoic acid	10.103	122	352286	91.722	ng		89
33) 4-Chloroaniline	10.902	127	603365	76.630	ng		95
34) Hexachlorobutadiene	11.090	225	354053	76.791	ng		99
35) Caprolactam	11.695	113	168083	75.350	ng	#	88
36) 4-Chloro-3-methylphenol	12.024	107	562451	76.109	ng		97
37) 2-Methylnaphthalene	12.406	142	1106754	74.048	ng		95
38) 1-Methylnaphthalene	12.623	142	1101422	73.612	ng		100
40) 1,2,4,5-Tetrachloroben...	12.770	216	572015	76.270	ng		99
41) Hexachlorocyclopentadiene	12.752	237	142693	92.736	ng		93
43) 2,4,6-Trichlorophenol	13.005	196	370221	81.064	ng		98
44) 2,4,5-Trichlorophenol	13.076	196	415278	78.889	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.410	154	1443433	73.900	ng		98
47)	2-Chloronaphthalene	13.452	162	1132732	75.466	ng		99
48)	2-Nitroaniline	13.645	65	370828	81.282	ng		96
49)	Acenaphthylene	14.298	152	1619125	74.829	ng		100
50)	Dimethylphthalate	14.039	163	1353299	74.187	ng		100
51)	2,6-Dinitrotoluene	14.151	165	279068	79.812	ng		97
52)	Acenaphthene	14.638	154	1127438	75.661	ng		98
53)	3-Nitroaniline	14.474	138	285005	78.572	ng	#	97
54)	2,4-Dinitrophenol	14.674	184	74977	81.196	ng	#	80
55)	Dibenzofuran	14.973	168	1667869	73.211	ng		99
56)	4-Nitrophenol	14.774	139	241808	80.495	ng		96
57)	2,4-Dinitrotoluene	14.932	165	361304	80.814	ng		92
58)	Fluorene	15.625	166	1315551	71.121	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.197	232	364763	82.474	ng		100
60)	Diethylphthalate	15.408	149	1451131	74.410	ng		98
61)	4-Chlorophenyl-phenyle...	15.620	204	654097	72.037	ng		100
62)	4-Nitroaniline	15.643	138	294974	80.197	ng		93
63)	Azobenzene	15.913	77	1550064	73.903	ng		98
65)	4,6-Dinitro-2-methylph...	15.696	198	127539	80.282	ng		97
66)	n-Nitrosodiphenylamine	15.831	169	1163158	76.131	ng		98
67)	4-Bromophenyl-phenylether	16.513	248	416189	77.807	ng		95
68)	Hexachlorobenzene	16.624	284	484927	76.579	ng		96
69)	Atrazine	16.777	200	138378	62.675	ng		95
70)	Pentachlorophenol	16.965	266	316891	85.449	ng		99
71)	Phenanthrene	17.359	178	2086906	72.875	ng		99
72)	Anthracene	17.453	178	2052637	73.077	ng		98
73)	Carbazole	17.717	167	2009417	72.081	ng		99
74)	Di-n-butylphthalate	18.293	149	2369280	72.222	ng		98
75)	Fluoranthene	19.368	202	2478877	69.184	ng		98
77)	Benzidine	19.550	184	796278	88.076	ng		98
78)	Pyrene	19.727	202	2571105	74.236	ng		97
80)	Butylbenzylphthalate	20.631	149	1030224	80.612	ng		96
81)	Benzo(a)anthracene	21.548	228	2627848	74.034	ng		98
82)	3,3'-Dichlorobenzidine	21.466	252	883887	77.155	ng		100
83)	Chrysene	21.613	228	2562160	74.715	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.483	149	1583790	77.329	ng		98
85)	Di-n-octyl phthalate	22.664	149	2664545	79.186	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.170	276	2936412	77.161	ng		97
88)	Benzo(b)fluoranthene	23.687	252	2619996	74.656	ng		99
89)	Benzo(k)fluoranthene	23.757	252	2646328	75.884	ng		99
90)	Benzo(a)pyrene	24.521	252	2359022	76.601	ng		99
91)	Dibenzo(a,h)anthracene	28.234	278	2457966	77.506	ng		99
92)	Benzo(g,h,i)perylene	29.268	276	2469416	77.630	ng		97

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

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