Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012425\
Data File : BG063961.D
Acq On : 24 Jan 2025 17:32
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG012425

Quant Time: Jan 27 15:16:49 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 15:15:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	60007	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	267180	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	174534	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	396196	20.000	ng	0.00
76) Chrysene-d12	21.567	240	474946	20.000	ng	0.00
86) Perylene-d12	24.663	264	494398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	398233	91.570	ng	-0.01
7) Phenol-d6	7.113	99	552705	94.096	ng	0.00
23) Nitrobenzene-d5	9.105	82	460476	102.651	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	180403	101.192	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	1096248	88.767	ng	0.00
79) Terphenyl-d14	19.934	244	2121264	89.256	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.471	88	83894	43.508	ng	97
3) Pyridine	3.852	79	239516	45.367	ng	97
4) n-Nitrosodimethylamine	3.770	42	132759	44.162	ng	98
6) Aniline	7.278	93	226016	46.429	ng	95
8) 2-Chlorophenol	7.519	128	208817	45.733	ng	97
9) Benzaldehyde	7.096	77	155593	44.929	ng	94
10) Phenol	7.137	94	290891	46.886	ng	94
11) bis(2-Chloroethyl)ether	7.378	93	219504	45.210	ng	98
12) 1,3-Dichlorobenzene	7.848	146	229092	46.476	ng	98
13) 1,4-Dichlorobenzene	7.989	146	229409	45.920	ng	97
14) 1,2-Dichlorobenzene	8.306	146	223868	46.115	ng	98
15) Benzyl Alcohol	8.183	79	201206	46.156	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.482	45	418701	46.660	ng	99
17) 2-Methylphenol	8.382	107	191189	47.332	ng	99
18) Hexachloroethane	9.035	117	82433	47.312	ng	93
19) n-Nitroso-di-n-propyla...	8.758	70	184364	46.567	ng	98
20) 3+4-Methylphenols	8.711	107	258735	46.978	ng	99
22) Acetophenone	8.770	105	348254	45.243	ng	100
24) Nitrobenzene	9.146	77	258244	51.009	ng	98
25) Isophorone	9.669	82	497665	45.794	ng	99
26) 2-Nitrophenol	9.857	139	69713	47.345	ng	94
27) 2,4-Dimethylphenol	9.916	122	145600	46.228	ng	97
28) bis(2-Chloroethoxy)met...	10.157	93	301508	45.355	ng	98
29) 2,4-Dichlorophenol	10.386	162	189245	47.661	ng	97
30) 1,2,4-Trichlorobenzene	10.609	180	222045	45.433	ng	97
31) Naphthalene	10.797	128	697324	45.453	ng	99
32) Benzoic acid	10.045	122	125403	45.989	ng	93
33) 4-Chloroaniline	10.897	127	251568	46.291	ng	98
34) Hexachlorobutadiene	11.091	225	144629	45.448	ng	98
35) Caprolactam	11.661	113	73222	47.551	ng	98
36) 4-Chloro-3-methylphenol	12.013	107	244488	47.932	ng	96
37) 2-Methylnaphthalene	12.401	142	480495	46.577	ng	97
38) 1-Methylnaphthalene	12.619	142	471958	45.700	ng	98
40) 1,2,4,5-Tetrachloroben...	12.766	216	240763	44.337	ng	98
41) Hexachlorocyclopentadiene	12.754	237	55245	49.588	ng	93
43) 2,4,6-Trichlorophenol	13.001	196	156005	47.178	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	177651	46.610	ng	96
46) 1,1'-Biphenyl	13.412	154	640150	45.265	ng	97
47) 2-Chloronaphthalene	13.447	162	492668	45.333	ng	99
48) 2-Nitroaniline	13.641	65	146183	46.489	ng	98
49) Acenaphthylene	14.293	152	711726	45.430	ng	99
50) Dimethylphthalate	14.035	163	605430	45.839	ng	100
51) 2,6-Dinitrotoluene	14.140	165	115294	47.559	ng	97
52) Acenaphthene	14.634	154	493663	45.756	ng	97
53) 3-Nitroaniline	14.464	138	126455	49.366	ng	95
54) 2,4-Dinitrophenol	14.669	184	29179	46.976	ng	86
55) Dibenzofuran	14.969	168	750257	45.484	ng	98
56) 4-Nitrophenol	14.763	139	110846	49.228	ng	97
57) 2,4-Dinitrotoluene	14.922	165	148874	48.380	ng	92
58) Fluorene	15.621	166	609455	45.506	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.192	232	156837	48.977	ng	97
60) Diethylphthalate	15.398	149	649714	46.013	ng	97
61) 4-Chlorophenyl-phenyle...	15.615	204	294645	44.817	ng	97
62) 4-Nitroaniline	15.627	138	138658	49.359	ng	94
63) Azobenzene	15.909	77	682315	44.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	48591	47.633	ng	95
66) n-Nitrosodiphenylamine	15.827	169	529120	45.054	ng	99
67) 4-Bromophenyl-phenylether	16.508	248	186148	45.273	ng	95
68) Hexachlorobenzene	16.620	284	217471	44.678	ng	97
69) Atrazine	16.773	200	81859	48.234	ng	98
70) Pentachlorophenol	16.961	266	142653	50.042	ng	99
71) Phenanthrene	17.354	178	1000578	45.455	ng	99
72) Anthracene	17.448	178	983054	45.531	ng	99
73) Carbazole	17.713	167	1022003	47.694	ng	99
74) Di-n-butylphthalate	18.294	149	1202014	47.667	ng	99
75) Fluoranthene	19.370	202	1329665	48.278	ng	99
77) Benzidine	19.546	184	339731	40.955	ng	97
78) Pyrene	19.728	202	1418983	44.653	ng	100
80) Butylbenzylphthalate	20.633	149	566801	48.337	ng	97
81) Benzo(a)anthracene	21.544	228	1476981	45.351	ng	99
82) 3,3'-Dichlorobenzidine	21.467	252	494104	47.008	ng	97
83) Chrysene	21.608	228	1433623	45.564	ng	99
84) Bis(2-ethylhexyl)phtha...	21.485	149	879468	46.800	ng	99
85) Di-n-octyl phthalate	22.672	149	1487600	48.183	ng	99
87) Indeno(1,2,3-cd)pyrene	28.177	276	1609610	46.568	ng	97
88) Benzo(b)fluoranthene	23.688	252	1446752	45.388	ng	99
89) Benzo(k)fluoranthene	23.753	252	1456274	45.976	ng	99
90) Benzo(a)pyrene	24.522	252	1295038	46.299	ng	100
91) Dibenzo(a,h)anthracene	28.242	278	1352501	46.955	ng	98
92) Benzo(g,h,i)perylene	29.264	276	1345299	46.563	ng	96

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

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