Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
Data File : BG064037.D
Acq On : 3 Mar 2025 14:18
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Mar 04 07:11:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 07:06:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	31414	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	142550	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	103425	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	236935	20.000	ng	0.00
76) Chrysene-d12	21.455	240	253594	20.000	ng	0.00
86) Perylene-d12	24.475	264	269578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	74254	40.541	ng	0.00
7) Phenol-d6	7.025	99	101124	39.141	ng	0.00
23) Nitrobenzene-d5	9.011	82	96577	39.377	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	34120	37.111	ng	0.00
45) 2-Fluorobiphenyl	13.112	172	281708	41.440	ng	0.00
79) Terphenyl-d14	19.846	244	528065	42.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.371	88	19445	21.197	ng	98
3) Pyridine	3.759	79	46789m	21.502	ng	
4) n-Nitrosodimethylamine	3.670	42	31735	19.988	ng	99
6) Aniline	7.184	93	56797	20.585	ng	94
8) 2-Chlorophenol	7.425	128	38797	19.914	ng	95
9) Benzaldehyde	7.002	77	35216	22.865	ng	91
10) Phenol	7.049	94	52544	19.527	ng	98
11) bis(2-Chloroethyl)ether	7.284	93	46638	20.890	ng	97
12) 1,3-Dichlorobenzene	7.754	146	48316	20.832	ng	98
13) 1,4-Dichlorobenzene	7.901	146	50058	20.879	ng	92
14) 1,2-Dichlorobenzene	8.212	146	46623	20.368	ng	88
15) Benzyl Alcohol	8.095	79	38181	18.007	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.400	45	100047	19.896	ng	96
17) 2-Methylphenol	8.300	107	34015	18.783	ng	93
18) Hexachloroethane	8.947	117	15373	19.133	ng	90
19) n-Nitroso-di-n-propyla...	8.665	70	40138	19.831	ng	98
20) 3+4-Methylphenols	8.623	107	45130	17.368	ng	97
22) Acetophenone	8.676	105	80359	20.428	ng	98
24) Nitrobenzene	9.052	77	50998	19.708	ng	96
25) Isophorone	9.575	82	105005	20.148	ng	99
26) 2-Nitrophenol	9.763	139	9863	21.727	ng	94
27) 2,4-Dimethylphenol	9.828	122	26499	19.126	ng	93
28) bis(2-Chloroethoxy)met...	10.063	93	65757	20.521	ng	97
29) 2,4-Dichlorophenol	10.292	162	32751	19.028	ng	93
30) 1,2,4-Trichlorobenzene	10.515	180	48768	20.973	ng	98
31) Naphthalene	10.703	128	160178	20.862	ng	98
32) Benzoic acid	9.922	122	11779m	20.314	ng	
33) 4-Chloroaniline	10.803	127	57269	20.147	ng	98
34) Hexachlorobutadiene	10.997	225	30707	20.313	ng	95
35) Caprolactam	11.555	113	12877	18.577	ng	95
36) 4-Chloro-3-methylphenol	11.925	107	46938	19.264	ng	90
37) 2-Methylnaphthalene	12.313	142	109729	19.806	ng	97
38) 1-Methylnaphthalene	12.531	142	111235	20.110	ng	96
40) 1,2,4,5-Tetrachloroben...	12.678	216	57707	20.099	ng	97
41) Hexachlorocyclopentadiene	12.666	237	13281	17.326	ng	99
43) 2,4,6-Trichlorophenol	12.918	196	26846	18.463	ng	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	31549	18.825	ng		92
46) 1,1'-Biphenyl	13.324	154	160726	20.381	ng		99
47) 2-Chloronaphthalene	13.359	162	115908	20.428	ng		99
48) 2-Nitroaniline	13.559	65	22894	19.021	ng		96
49) Acenaphthylene	14.205	152	182870	20.418	ng		98
50) Dimethylphthalate	13.947	163	133589	19.709	ng		99
51) 2,6-Dinitrotoluene	14.052	165	22426	18.312	ng		100
52) Acenaphthene	14.552	154	123619	20.164	ng		95
53) 3-Nitroaniline	14.381	138	24755	19.005	ng		95
54) 2,4-Dinitrophenol	14.587	184	6656	21.010	ng		91
55) Dibenzofuran	14.887	168	202552	20.665	ng		100
56) 4-Nitrophenol	14.681	139	17178	19.903	ng		90
57) 2,4-Dinitrotoluene	14.840	165	30713	18.746	ng		97
58) Fluorene	15.533	166	157777	20.871	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.110	232	30401	19.171	ng		98
60) Diethylphthalate	15.310	149	143326	19.988	ng		97
61) 4-Chlorophenyl-phenyle...	15.533	204	80509	21.069	ng		92
62) 4-Nitroaniline	15.539	138	30000	20.337	ng		95
63) Azobenzene	15.821	77	186001	20.717	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	10921	20.294	ng		95
66) n-Nitrosodiphenylamine	15.745	169	133964	20.363	ng		97
67) 4-Bromophenyl-phenylether	16.426	248	48555	19.964	ng		95
68) Hexachlorobenzene	16.538	284	55614	20.533	ng		97
69) Atrazine	16.690	200	33980	22.952	ng		90
70) Pentachlorophenol	16.878	266	22668	19.783	ng		95
71) Phenanthrene	17.266	178	257448	20.421	ng		98
72) Anthracene	17.360	178	255762	20.409	ng		98
73) Carbazole	17.625	167	238457	21.414	ng		99
74) Di-n-butylphthalate	18.200	149	218435	19.459	ng		99
75) Fluoranthene	19.276	202	319171	21.618	ng		99
77) Benzidine	19.464	184	48408	14.833	ng		97
78) Pyrene	19.640	202	334475	20.670	ng		99
80) Butylbenzylphthalate	20.545	149	66266	18.136	ng		98
81) Benzo(a)anthracene	21.438	228	333501	20.635	ng		100
82) 3,3'-Dichlorobenzidine	21.361	252	91509	19.656	ng		99
83) Chrysene	21.502	228	333572	20.604	ng		98
84) Bis(2-ethylhexyl)phtha...	21.379	149	121048	19.531	ng	#	99
85) Di-n-octyl phthalate	22.525	149	187547	20.007	ng		96
87) Indeno(1,2,3-cd)pyrene	27.860	276	356521	19.898	ng		98
88) Benzo(b)fluoranthene	23.524	252	329295	20.447	ng		99
89) Benzo(k)fluoranthene	23.582	252	325507	19.859	ng		98
90) Benzo(a)pyrene	24.329	252	288927	20.116	ng		95
91) Dibenzo(a,h)anthracene	27.930	278	300549	20.306	ng		98
92) Benzo(g,h,i)perylene	28.906	276	314674	20.417	ng		98

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

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