Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120524\
Data File : BG063586.D
Acq On : 5 Dec 2024 17:07
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Quant Time: Dec 06 01:05:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:51:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	98563	20.000	ng		0.00
21) Naphthalene-d8	10.614	136	417803	20.000	ng	#	0.00
39) Acenaphthene-d10	14.468	164	345928	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	904488	20.000	ng		0.00
76) Chrysene-d12	21.483	240	895881	20.000	ng	#	0.01
86) Perylene-d12	24.515	264	959885	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	883279	161.115	ng		0.00
7) Phenol-d6	7.012	99	1379291	161.305	ng		0.01
23) Nitrobenzene-d5	8.986	82	1689413	158.235	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	756897	150.749	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	3272702	146.150	ng		0.00
79) Terphenyl-d14	19.856	244	5549460	125.135	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	166016	69.845	ng		96
3) Pyridine	3.710	79	524095m	78.301	ng		
4) n-Nitrosodimethylamine	3.628	42	272363	80.475	ng		90
8) 2-Chlorophenol	7.394	128	443553	80.832	ng		99
10) Phenol	7.036	94	731482	80.131	ng		92
11) bis(2-Chloroethyl)ether	7.253	93	568710	88.528	ng		96
12) 1,3-Dichlorobenzene	7.711	146	507040	76.389	ng		96
13) 1,4-Dichlorobenzene	7.858	146	523685	76.199	ng		99
14) 1,2-Dichlorobenzene	8.175	146	516285	76.343	ng		95
15) Benzyl Alcohol	8.064	79	639490	85.440	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.352	45	639141	86.208	ng		96
17) 2-Methylphenol	8.275	107	495451	84.643	ng		96
18) Hexachloroethane	8.898	117	213970	76.484	ng		98
19) n-Nitroso-di-n-propyla...	8.634	70	543877	82.760	ng	#	97
20) 3+4-Methylphenols	8.610	107	677327	83.751	ng		97
22) Acetophenone	8.646	105	947236	75.461	ng	#	94
24) Nitrobenzene	9.027	77	904106	78.713	ng		98
25) Isophorone	9.544	82	1505445	79.437	ng		98
26) 2-Nitrophenol	9.732	139	270842	80.726	ng		98
27) 2,4-Dimethylphenol	9.797	122	340215	79.066	ng		96
28) bis(2-Chloroethoxy)met...	10.026	93	745210	78.968	ng		97
29) 2,4-Dichlorophenol	10.273	162	575981	80.079	ng		99
30) 1,2,4-Trichlorobenzene	10.479	180	662317	71.738	ng		94
31) Naphthalene	10.667	128	1584257	74.932	ng		99
32) Benzoic acid	10.032	122	276421m	79.968	ng		
33) 4-Chloroaniline	10.778	127	393093	61.081	ng		94
34) Hexachlorobutadiene	10.949	225	551664	68.721	ng		97
35) Caprolactam	11.589	113	179245m	79.520	ng		
36) 4-Chloro-3-methylphenol	11.918	107	693220	79.010	ng		95
37) 2-Methylnaphthalene	12.277	142	1207755	74.941	ng		96
38) 1-Methylnaphthalene	12.500	142	1195810m	74.247	ng		
40) 1,2,4,5-Tetrachloroben...	12.653	216	997932	75.290	ng		98
41) Hexachlorocyclopentadiene	12.629	237	270692	89.208	ng		92
43) 2,4,6-Trichlorophenol	12.899	196	565944	82.283	ng		97
44) 2,4,5-Trichlorophenol	12.976	196	660031	82.088	ng		99
46) 1,1'-Biphenyl	13.293	154	1732086	77.645	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.340	162	1455131	79.286	ng		99
48) 2-Nitroaniline	13.552	65	535427	93.088	ng		95
49) Acenaphthylene	14.186	152	2103684	78.447	ng		98
50) Dimethylphthalate	13.933	163	1925286	77.827	ng		98
51) 2,6-Dinitrotoluene	14.051	165	424645	83.376	ng		97
52) Acenaphthene	14.533	154	1305920	77.578	ng		97
53) 3-Nitroaniline	14.380	138	335399	80.542	ng		92
54) 2,4-Dinitrophenol	14.597	184	264089	79.765	ng	#	73
55) Dibenzofuran	14.868	168	2310966	74.334	ng		99
56) 4-Nitrophenol	14.709	139	283878	90.074	ng	#	85
57) 2,4-Dinitrotoluene	14.844	165	602311	80.982	ng	#	91
58) Fluorene	15.520	166	1888308	75.592	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.103	232	621083	78.822	ng		96
60) Diethylphthalate	15.297	149	1886301	78.002	ng		99
61) 4-Chlorophenyl-phenyle...	15.514	204	1213821	73.032	ng		97
62) 4-Nitroaniline	15.555	138	397783	84.659	ng		96
63) Azobenzene	15.808	77	2392364	77.812	ng		97
65) 4,6-Dinitro-2-methylph...	15.614	198	415275	87.986	ng		91
66) n-Nitrosodiphenylamine	15.731	169	1631402	79.368	ng		96
67) 4-Bromophenyl-phenylether	16.407	248	841307	77.538	ng		98
68) Hexachlorobenzene	16.530	284	883742	75.491	ng	#	91
69) Atrazine	16.689	200	617460	77.947	ng		97
70) Pentachlorophenol	16.877	266	459931	90.618	ng		91
71) Phenanthrene	17.265	178	3134635	73.876	ng		95
72) Anthracene	17.353	178	3080448	73.868	ng		98
73) Carbazole	17.629	167	2672021	73.705	ng		97
74) Di-n-butylphthalate	18.187	149	2803719	76.597	ng		99
75) Fluoranthene	19.286	202	3961233	66.372	ng		92
77) Benzidine	19.468	184	437585	45.605	ng		97
78) Pyrene	19.650	202	4047018	72.551	ng		93
80) Butylbenzylphthalate	20.543	149	1045788	88.938	ng		95
81) Benzo(a)anthracene	21.460	228	4219508	74.137	ng		91
82) 3,3'-Dichlorobenzidine	21.384	252	1325023	77.839	ng		97
83) Chrysene	21.525	228	3945306	72.863	ng		91
84) Bis(2-ethylhexyl)phtha...	21.378	149	1534851	86.247	ng		100
85) Di-n-octyl phthalate	22.517	149	2695328	87.011	ng		98
87) Indeno(1,2,3-cd)pyrene	27.958	276	5093535	80.999	ng	#	99
88) Benzo(b)fluoranthene	23.563	252	4556160	76.073	ng	#	96
89) Benzo(k)fluoranthene	23.622	252	4315867	74.501	ng	#	98
90) Benzo(a)pyrene	24.380	252	4017466	78.050	ng		97
91) Dibenzo(a,h)anthracene	28.011	278	4208220	81.181	ng	#	96
92) Benzo(g,h,i)perylene	29.028	276	4211684	79.799	ng		98

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

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