Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
Data File : BG060123.D
Acq On : 21 Dec 2023 15:27
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Dec 22 03:30:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 03:23:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	163491	20.000	ng	# 0.00
21) Naphthalene-d8	10.751	136	824429	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	648836	20.000	ng	0.00
64) Phenanthrene-d10	17.331	188	1607779	20.000	ng	0.00
76) Chrysene-d12	21.597	240	1201968	20.000	ng	0.00
86) Perylene-d12	24.769	264	1121690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	423997	40.864	ng	0.00
7) Phenol-d6	7.108	99	698593	40.007	ng	0.00
23) Nitrobenzene-d5	9.105	82	688190	40.892	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	332228	38.029	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1908949	44.177	ng	0.00
79) Terphenyl-d14	19.946	244	3300995	49.696	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.424	88	90788	20.896	ng	97
3) Pyridine	3.817	79	274184	19.646	ng	# 96
4) n-Nitrosodimethylamine	3.729	42	127945	20.210	ng	91
6) Aniline	7.266	93	364038	19.965	ng	100
8) 2-Chlorophenol	7.507	128	230699	20.066	ng	95
9) Benzaldehyde	7.084	77	211706	21.855	ng	91
10) Phenol	7.131	94	356992	20.460	ng	99
11) bis(2-Chloroethyl)ether	7.366	93	274534	20.042	ng	94
12) 1,3-Dichlorobenzene	7.836	146	271978	21.167	ng	93
13) 1,4-Dichlorobenzene	7.983	146	281873	21.208	ng	97
14) 1,2-Dichlorobenzene	8.295	146	278203	20.787	ng	96
15) Benzyl Alcohol	8.177	79	247836	19.334	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.471	45	522857	20.520	ng	98
17) 2-Methylphenol	8.383	107	245590	20.286	ng	95
18) Hexachloroethane	9.029	117	95444	21.639	ng	90
19) n-Nitroso-di-n-propyla...	8.747	70	274883	20.245	ng	89
20) 3+4-Methylphenols	8.712	107	344653	19.830	ng	97
22) Acetophenone	8.765	105	481323	20.469	ng	98
24) Nitrobenzene	9.147	77	356418	20.494	ng	95
25) Isophorone	9.669	82	792948	19.333	ng	99
26) 2-Nitrophenol	9.863	139	143771	20.871	ng	87
27) 2,4-Dimethylphenol	9.916	122	191383	20.184	ng	94
28) bis(2-Chloroethoxy)met...	10.151	93	442332	20.539	ng	98
29) 2,4-Dichlorophenol	10.392	162	292955	20.710	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	320666	21.117	ng	98
31) Naphthalene	10.798	128	908240	20.694	ng	98
32) Benzoic acid	10.034	122	150145	18.522	ng	93
33) 4-Chloroaniline	10.909	127	372419	19.634	ng	97
34) Hexachlorobutadiene	11.080	225	184812	21.799	ng	92
35) Caprolactam	11.673	113	123329	16.690	ng	98
36) 4-Chloro-3-methylphenol	12.031	107	332167	19.588	ng	95
37) 2-Methylnaphthalene	12.407	142	698765	20.515	ng	100
38) 1-Methylnaphthalene	12.625	142	692180	20.244	ng	97
40) 1,2,4,5-Tetrachloroben...	12.772	216	367129	21.607	ng	98
41) Hexachlorocyclopentadiene	12.754	237	130545	22.712	ng	94
43) 2,4,6-Trichlorophenol	13.013	196	273897	21.610	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	287261	19.983	ng		99
46) 1,1'-Biphenyl	13.418	154	1001710	21.247	ng		98
47) 2-Chloronaphthalene	13.459	162	820079	21.214	ng		98
48) 2-Nitroaniline	13.659	65	241846	19.175	ng		100
49) Acenaphthylene	14.305	152	1279168	21.170	ng		98
50) Dimethylphthalate	14.035	163	1106870	19.395	ng		97
51) 2,6-Dinitrotoluene	14.152	165	222335	19.476	ng		97
52) Acenaphthene	14.646	154	755959	20.343	ng		100
53) 3-Nitroaniline	14.487	138	225470	18.591	ng		98
54) 2,4-Dinitrophenol	14.693	184	105477	19.466	ng		93
55) Dibenzofuran	14.981	168	1277214	20.407	ng		99
56) 4-Nitrophenol	14.793	139	178598	17.738	ng		98
57) 2,4-Dinitrotoluene	14.940	165	316031	18.860	ng		98
58) Fluorene	15.627	166	1072900	20.261	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.204	232	266184	20.620	ng		95
60) Diethylphthalate	15.398	149	1156578	18.762	ng		100
61) 4-Chlorophenyl-phenyle...	15.621	204	506817	20.076	ng		100
62) 4-Nitroaniline	15.651	138	256029	17.983	ng		99
63) Azobenzene	15.915	77	1090384	19.816	ng		99
65) 4,6-Dinitro-2-methylph...	15.704	198	180640	20.761	ng		96
66) n-Nitrosodiphenylamine	15.839	169	921642	21.733	ng		99
67) 4-Bromophenyl-phenylether	16.514	248	320045	21.130	ng		96
68) Hexachlorobenzene	16.632	284	369920	21.328	ng		97
69) Atrazine	16.785	200	299005	18.947	ng		99
70) Pentachlorophenol	16.979	266	224065	20.867	ng		96
71) Phenanthrene	17.372	178	1752452	21.632	ng		100
72) Anthracene	17.460	178	1758606	21.564	ng		99
73) Carbazole	17.731	167	1794024	20.722	ng		97
74) Di-n-butylphthalate	18.289	149	2099402	20.451	ng		96
75) Fluoranthene	19.387	202	2261614	21.266	ng		94
77) Benzidine	19.564	184	703527	21.648	ng		97
78) Pyrene	19.746	202	2343694	25.543	ng		95
80) Butylbenzylphthalate	20.639	149	632134	20.555	ng		98
81) Benzo(a)anthracene	21.573	228	1735559	21.732	ng		97
82) 3,3'-Dichlorobenzidine	21.491	252	494485	20.885	ng		99
83) Chrysene	21.638	228	1619831	21.603	ng		98
84) Bis(2-ethylhexyl)phtha...	21.485	149	915686	22.341	ng		99
85) Di-n-octyl phthalate	22.678	149	1542180	22.580	ng		99
87) Indeno(1,2,3-cd)pyrene	28.389	276	1595452	20.379	ng	#	95
88) Benzo(b)fluoranthene	23.759	252	1478642	20.846	ng		99
89) Benzo(k)fluoranthene	23.829	252	1416338	20.375	ng		99
90) Benzo(a)pyrene	24.623	252	1292349	20.680	ng		98
91) Dibenzo(a,h)anthracene	28.459	278	1321170	20.435	ng		96
92) Benzo(g,h,i)perylene	29.529	276	1333778	20.422	ng		100

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

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