Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059863.D
Acq On : 24 Nov 2023 18:18
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 25 00:29:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.316	152	23706	20.000	ng		0.00
21) Naphthalene-d8	11.166	136	147726	20.000	ng	#	0.00
39) Acenaphthene-d10	14.955	164	108163	20.000	ng		0.00
64) Phenanthrene-d10	17.705	188	256680	20.000	ng		0.00
76) Chrysene-d12	22.029	240	204613	20.000	ng	#	0.00
86) Perylene-d12	25.602	264	226724	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.807	112	120464	85.530	ng		0.00
7) Phenol-d6	7.441	99	180464	86.463	ng		0.00
23) Nitrobenzene-d5	9.521	82	353533	91.400	ng		0.00
42) 2,4,6-Tribromophenol	16.442	330	130320	106.189	ng		0.00
45) 2-Fluorobiphenyl	13.575	172	690752	85.961	ng		0.00
79) Terphenyl-d14	20.279	244	1373528	99.098	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.645	88	23970	36.235	ng	#	89
3) Pyridine	4.068	79	91002	50.366	ng		98
4) n-Nitrosodimethylamine	3.986	42	56027	58.288	ng	#	57
6) Aniline	7.640	93	122609	44.513	ng		95
8) 2-Chlorophenol	7.870	128	68919	45.105	ng		99
9) Benzaldehyde	7.464	77	61768	43.781	ng		91
10) Phenol	7.470	94	93484	43.458	ng		92
11) bis(2-Chloroethyl)ether	7.729	93	55828	41.691	ng		98
12) 1,3-Dichlorobenzene	8.199	146	77007	45.373	ng		93
13) 1,4-Dichlorobenzene	8.357	146	77586	45.522	ng		92
14) 1,2-Dichlorobenzene	8.675	146	72097	42.578	ng	#	88
15) Benzyl Alcohol	8.563	79	108969	45.784	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.827	45	30025	60.943	ng	#	67
17) 2-Methylphenol	8.745	107	98513	62.176	ng	#	87
18) Hexachloroethane	9.403	117	42151	58.269	ng		91
19) n-Nitroso-di-n-propyla...	9.121	70	99779	60.707	ng		95
20) 3+4-Methylphenols	9.080	107	133617	60.747	ng		95
22) Acetophenone	9.162	105	190171	45.470	ng	#	93
24) Nitrobenzene	9.562	77	157698	44.268	ng		96
25) Isophorone	10.067	82	289345	44.558	ng		95
26) 2-Nitrophenol	10.273	139	58797	45.019	ng		91
27) 2,4-Dimethylphenol	10.296	122	115824	43.617	ng		93
28) bis(2-Chloroethoxy)met...	10.549	93	115392	47.288	ng		97
29) 2,4-Dichlorophenol	10.796	162	107180	47.275	ng		94
30) 1,2,4-Trichlorobenzene	11.013	180	107090	46.738	ng	#	91
31) Naphthalene	11.219	128	346379	46.630	ng	#	96
32) Benzoic acid	10.420	122	81275	44.973	ng		91
33) 4-Chloroaniline	11.336	127	145844	46.160	ng		92
34) Hexachlorobutadiene	11.442	225	74078	47.503	ng		94
35) Caprolactam	12.123	113	35948	43.384	ng		85
36) 4-Chloro-3-methylphenol	12.411	107	141015	46.768	ng		96
37) 2-Methylnaphthalene	12.799	142	268783	42.962	ng		89
38) 1-Methylnaphthalene	13.017	142	250688	43.450	ng		93
40) 1,2,4,5-Tetrachloroben...	13.140	216	119831	41.022	ng		93
41) Hexachlorocyclopentadiene	13.093	237	80104	43.717	ng		94
43) 2,4,6-Trichlorophenol	13.387	196	93626	46.091	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.457	196	101520	42.534	ng	#	79
46) 1,1'-Biphenyl	13.786	154	392266	46.204	ng		94
47) 2-Chloronaphthalene	13.845	162	259722	44.522	ng		94
48) 2-Nitroaniline	14.062	65	98252	47.174	ng	#	84
49) Acenaphthylene	14.685	152	459100	46.155	ng	#	96
50) Dimethylphthalate	14.397	163	386634	46.126	ng		98
51) 2,6-Dinitrotoluene	14.538	165	71947	45.246	ng	#	84
52) Acenaphthene	15.014	154	285870	47.788	ng		95
53) 3-Nitroaniline	14.885	138	84715	45.514	ng		96
54) 2,4-Dinitrophenol	15.073	184	55474	46.947	ng	#	69
55) Dibenzofuran	15.349	168	457762	46.413	ng		95
56) 4-Nitrophenol	15.155	139	59463	41.758	ng		96
57) 2,4-Dinitrotoluene	15.320	165	119703	48.951	ng	#	89
58) Fluorene	15.995	166	396416	48.378	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.555	232	92191	43.940	ng		94
60) Diethylphthalate	15.737	149	455949	50.719	ng		99
61) 4-Chlorophenyl-phenyle...	15.978	204	197854	46.911	ng		92
62) 4-Nitroaniline	16.042	138	84490	45.293	ng		92
63) Azobenzene	16.272	77	466353	46.682	ng		94
65) 4,6-Dinitro-2-methylph...	16.066	198	76314	48.650	ng		85
66) n-Nitrosodiphenylamine	16.201	169	362522	48.348	ng		96
67) 4-Bromophenyl-phenylether	16.877	248	136765	49.597	ng		92
68) Hexachlorobenzene	16.971	284	130653	50.765	ng		96
69) Atrazine	17.129	200	106894	44.465	ng		94
70) Pentachlorophenol	17.323	266	86506	44.057	ng		94
71) Phenanthrene	17.746	178	629519	48.238	ng		95
72) Anthracene	17.840	178	642037	47.350	ng		98
73) Carbazole	18.116	167	546073	46.099	ng		96
74) Di-n-butylphthalate	18.616	149	687803	48.036	ng		99
75) Fluoranthene	19.738	202	686726	43.880	ng		95
77) Benzidine	19.926	184	171461	36.955	ng		97
78) Pyrene	20.102	202	679957	48.841	ng		98
80) Butylbenzylphthalate	20.954	149	275318	48.229	ng		96
81) Benzo(a)anthracene	22.006	228	624310	44.593	ng		98
82) 3,3'-Dichlorobenzidine	21.918	252	233820	44.829	ng		99
83) Chrysene	22.082	228	579782	45.176	ng		94
84) Bis(2-ethylhexyl)phtha...	21.830	149	366210	45.890	ng	#	95
85) Di-n-octyl phthalate	23.158	149	582904	37.943	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.750	276	697088	40.634	ng	#	77
88) Benzo(b)fluoranthene	24.444	252	610145	49.100	ng		95
89) Benzo(k)fluoranthene	24.521	252	597035	48.598	ng	#	96
90) Benzo(a)pyrene	25.426	252	561188	42.315	ng		100
91) Dibenzo(a,h)anthracene	29.832	278	600349	41.363	ng	#	95
92) Benzo(g,h,i)perylene	31.060	276	545384	39.602	ng		96

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

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