Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
Data File : BG056458.D
Acq On : 27 Jan 2023 14:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Jan 27 23:47:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 23:42:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.284	152	36152	20.000	ng		0.00
21) Naphthalene-d8	11.116	136	144482	20.000	ng		0.00
39) Acenaphthene-d10	14.899	164	116118	20.000	ng		0.00
64) Phenanthrene-d10	17.637	188	289247	20.000	ng		0.00
76) Chrysene-d12	21.932	240	274513	20.000	ng		0.00
86) Perylene-d12	25.358	264	303921	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	194895	99.171	ng		0.00
7) Phenol-d6	7.426	99	295521	101.490	ng		0.00
23) Nitrobenzene-d5	9.459	82	253787	99.745	ng		0.00
42) 2,4,6-Tribromophenol	16.386	330	157181	101.820	ng		0.00
45) 2-Fluorobiphenyl	13.530	172	850582	101.558	ng		0.00
79) Terphenyl-d14	20.217	244	1514298	96.886	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.601	88	39679	48.489	ng		96
3) Pyridine	4.024	79	124346	51.278	ng		99
4) n-Nitrosodimethylamine	3.930	42	25840	49.812	ng	#	87
6) Aniline	7.596	93	194738	51.080	ng		98
8) 2-Chlorophenol	7.843	128	107620	49.849	ng		98
9) Benzaldehyde	7.408	77	62114	43.485	ng		96
10) Phenol	7.455	94	149627	50.558	ng		99
11) bis(2-Chloroethyl)ether	7.684	93	101311	49.803	ng		99
12) 1,3-Dichlorobenzene	8.172	146	123349	49.624	ng		100
13) 1,4-Dichlorobenzene	8.319	146	124567	49.484	ng		99
14) 1,2-Dichlorobenzene	8.642	146	119611	48.974	ng		97
15) Benzyl Alcohol	8.519	79	103013	51.563	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.801	45	22169	51.434	ng		94
17) 2-Methylphenol	8.718	107	113344	50.342	ng		95
18) Hexachloroethane	9.376	117	38295	50.297	ng		93
19) n-Nitroso-di-n-propyla...	9.089	70	84023	50.072	ng		99
20) 3+4-Methylphenols	9.053	107	161744	51.261	ng		95
22) Acetophenone	9.112	105	190139	49.530	ng	#	98
24) Nitrobenzene	9.500	77	122827	50.047	ng		99
25) Isophorone	10.023	82	260630	49.652	ng		99
26) 2-Nitrophenol	10.217	139	76027	51.057	ng		98
27) 2,4-Dimethylphenol	10.264	122	125513	50.701	ng		98
28) bis(2-Chloroethoxy)met...	10.499	93	143677	49.548	ng		95
29) 2,4-Dichlorophenol	10.757	162	143160	51.035	ng		97
30) 1,2,4-Trichlorobenzene	10.975	180	157191	50.427	ng		97
31) Naphthalene	11.169	128	383029	50.228	ng		98
32) Benzoic acid	10.428	122	72941	51.823	ng		93
33) 4-Chloroaniline	11.268	127	178592	50.171	ng		99
34) Hexachlorobutadiene	11.439	225	110732	50.607	ng		97
35) Caprolactam	12.050	113	45292	47.875	ng		96
36) 4-Chloro-3-methylphenol	12.373	107	137089	50.606	ng		94
37) 2-Methylnaphthalene	12.749	142	311957	49.620	ng		98
38) 1-Methylnaphthalene	12.966	142	293946	50.063	ng		96
40) 1,2,4,5-Tetrachloroben...	13.113	216	219137	51.657	ng		98
41) Hexachlorocyclopentadiene	13.084	237	108642	57.618	ng		97
43) 2,4,6-Trichlorophenol	13.348	196	143414	52.460	ng		96

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44) 2,4,5-Trichlorophenol	13.425	196	167249	52.569	ng	99
46) 1,1'-Biphenyl	13.736	154	426682	50.661	ng	99
47) 2-Chloronaphthalene	13.789	162	335051	50.895	ng	98
48) 2-Nitroaniline	13.989	65	70722	51.967	ng	95
49) Acenaphthylene	14.629	152	543969	50.788	ng	98
50) Dimethylphthalate	14.341	163	467361	49.750	ng	99
51) 2,6-Dinitrotoluene	14.471	165	104227	50.875	ng	98
52) Acenaphthene	14.970	154	320994	50.538	ng	98
53) 3-Nitroaniline	14.805	138	99944	50.321	ng	96
54) 2,4-Dinitrophenol	15.011	184	71283	55.501	ng	96
55) Dibenzofuran	15.299	168	570111	50.050	ng	99
56) 4-Nitrophenol	15.105	139	71393	52.885	ng	96
57) 2,4-Dinitrotoluene	15.258	165	145947	50.576	ng	99
58) Fluorene	15.945	166	454100	50.101	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.522	232	148864	52.309	ng	98
60) Diethylphthalate	15.693	149	434515	49.257	ng	99
61) 4-Chlorophenyl-phenyle...	15.922	204	279340	50.507	ng	96
62) 4-Nitroaniline	15.963	138	99928	50.281	ng	99
63) Azobenzene	16.221	77	302379	49.817	ng	99
65) 4,6-Dinitro-2-methylph...	16.022	198	109240	53.719	ng	97
66) n-Nitrosodiphenylamine	16.139	169	417920	51.032	ng	99
67) 4-Bromophenyl-phenylether	16.815	248	190901	51.555	ng	97
68) Hexachlorobenzene	16.944	284	183172	50.507	ng	99
69) Atrazine	17.073	200	155742	49.295	ng	98
70) Pentachlorophenol	17.291	266	118791	54.301	ng	99
71) Phenanthrene	17.684	178	756346	49.961	ng	99
72) Anthracene	17.773	178	778441	50.092	ng	98
73) Carbazole	18.043	167	657761	49.697	ng	99
74) Di-n-butylphthalate	18.566	149	686265	49.381	ng	99
75) Fluoranthene	19.676	202	947182	49.573	ng	100
77) Benzidine	19.841	184	346410	46.632	ng	99
78) Pyrene	20.035	202	955389	48.934	ng	100
80) Butylbenzylphthalate	20.892	149	303694	50.932	ng	98
81) Benzo(a)anthracene	21.915	228	965205	50.293	ng	99
82) 3,3'-Dichlorobenzidine	21.815	252	344761	49.885	ng	97
83) Chrysene	21.979	228	909078	50.420	ng	99
84) Bis(2-ethylhexyl)phtha...	21.768	149	433613	50.722	ng	99
85) Di-n-octyl phthalate	23.043	149	718471	50.466	ng	100
87) Indeno(1,2,3-cd)pyrene	29.312	276	1133571	50.953	ng	99
88) Benzo(b)fluoranthene	24.265	252	975564	51.715	ng	99
89) Benzo(k)fluoranthene	24.335	252	955127	50.162	ng	99
90) Benzo(a)pyrene	25.205	252	947501	50.990	ng	98
91) Dibenzo(a,h)anthracene	29.377	278	949951	50.869	ng	100
92) Benzo(g,h,i)perylene	30.552	276	919664	51.039	ng	97

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

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