Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041023\
Data File : BG057038.D
Acq On : 10 Apr 2023 9:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Apr 11 04:10:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.405	152	14723	20.000	ng		0.00
21) Naphthalene-d8	11.248	136	62397	20.000	ng	#	0.00
39) Acenaphthene-d10	15.026	164	50185	20.000	ng		0.00
64) Phenanthrene-d10	17.763	188	125177	20.000	ng		0.00
76) Chrysene-d12	22.081	240	103400	20.000	ng		0.00
86) Perylene-d12	25.623	264	107530	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.914	112	73791	80.214	ng		0.00
7) Phenol-d6	7.536	99	113928	82.804	ng		0.00
23) Nitrobenzene-d5	9.586	82	116186	76.190	ng		0.00
42) 2,4,6-Tribromophenol	16.506	330	66679	83.170	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	287216	77.606	ng		0.00
79) Terphenyl-d14	20.330	244	531514	86.983	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.717	88	14702	36.457	ng		98
3) Pyridine	4.140	79	50822	39.128	ng		97
4) n-Nitrosodimethylamine	4.046	42	22103	37.013	ng		99
6) Aniline	7.718	93	70617	40.148	ng		99
8) 2-Chlorophenol	7.965	128	38456	41.969	ng		94
9) Benzaldehyde	7.530	77	31566	36.578	ng		94
10) Phenol	7.565	94	55721	40.872	ng		97
11) bis(2-Chloroethyl)ether	7.806	93	39140	40.304	ng		97
12) 1,3-Dichlorobenzene	8.299	146	40725	40.223	ng		98
13) 1,4-Dichlorobenzene	8.440	146	41692	40.800	ng		97
14) 1,2-Dichlorobenzene	8.769	146	40428	40.951	ng		91
15) Benzyl Alcohol	8.640	79	45150	39.493	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.922	45	46061	39.356	ng		99
17) 2-Methylphenol	8.840	107	40207	41.338	ng		89
18) Hexachloroethane	9.510	117	15362	41.131	ng		93
19) n-Nitroso-di-n-propyla...	9.210	70	40411	41.063	ng		96
20) 3+4-Methylphenols	9.169	107	56150	41.285	ng		98
22) Acetophenone	9.233	105	71394	38.452	ng		96
24) Nitrobenzene	9.627	77	60079	38.535	ng		97
25) Isophorone	10.150	82	111400	38.362	ng	#	94
26) 2-Nitrophenol	10.344	139	24666	40.988	ng	#	85
27) 2,4-Dimethylphenol	10.385	122	41296	38.866	ng		94
28) bis(2-Chloroethoxy)met...	10.626	93	56263	38.701	ng		99
29) 2,4-Dichlorophenol	10.884	162	43184	37.792	ng		100
30) 1,2,4-Trichlorobenzene	11.101	180	47538	39.154	ng		98
31) Naphthalene	11.301	128	132809	39.049	ng		99
32) Benzoic acid	10.514	122	27230	37.309	ng		92
33) 4-Chloroaniline	11.395	127	62426	40.640	ng		96
34) Hexachlorobutadiene	11.577	225	35248	38.648	ng		96
35) Caprolactam	12.165	113	15625	39.650	ng		91
36) 4-Chloro-3-methylphenol	12.488	107	49817	38.984	ng		95
37) 2-Methylnaphthalene	12.876	142	105553	39.104	ng		98
38) 1-Methylnaphthalene	13.093	142	99527	39.267	ng		99
40) 1,2,4,5-Tetrachloroben...	13.234	216	67278	38.659	ng		99
41) Hexachlorocyclopentadiene	13.210	237	37727	39.346	ng		97
43) 2,4,6-Trichlorophenol	13.463	196	44181	39.784	ng		95

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44) 2,4,5-Trichlorophenol	13.539	196	51258	38.962	ng		98
46) 1,1'-Biphenyl	13.862	154	141754	38.586	ng		99
47) 2-Chloronaphthalene	13.909	162	108428	39.907	ng		99
48) 2-Nitroaniline	14.103	65	38081	39.197	ng		94
49) Acenaphthylene	14.749	152	176429	39.521	ng		99
50) Dimethylphthalate	14.462	163	158119	39.987	ng	#	99
51) 2,6-Dinitrotoluene	14.585	165	34968	40.930	ng		92
52) Acenaphthene	15.090	154	121674	39.520	ng		98
53) 3-Nitroaniline	14.920	138	35049	41.446	ng		92
54) 2,4-Dinitrophenol	15.120	184	20838	43.333	ng		92
55) Dibenzofuran	15.419	168	183167	39.638	ng		99
56) 4-Nitrophenol	15.208	139	25523	40.815	ng	#	90
57) 2,4-Dinitrotoluene	15.372	165	49418	41.012	ng		97
58) Fluorene	16.065	166	152169	39.795	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.637	232	48017	40.086	ng	#	98
60) Diethylphthalate	15.807	149	161922	40.847	ng		100
61) 4-Chlorophenyl-phenyle...	16.042	204	89635	39.925	ng		99
62) 4-Nitroaniline	16.077	138	37952	43.316	ng		86
63) Azobenzene	16.336	77	152203	38.527	ng		97
65) 4,6-Dinitro-2-methylph...	16.130	198	32029	42.248	ng		97
66) n-Nitrosodiphenylamine	16.253	169	133373	39.691	ng		98
67) 4-Bromophenyl-phenylether	16.941	248	58443	37.734	ng		96
68) Hexachlorobenzene	17.070	284	63201	41.274	ng		95
69) Atrazine	17.187	200	53518	38.368	ng		98
70) Pentachlorophenol	17.411	266	41305	37.599	ng		96
71) Phenanthrene	17.804	178	248493	38.936	ng		99
72) Anthracene	17.898	178	255392	39.036	ng		100
73) Carbazole	18.157	167	216969	38.037	ng		95
74) Di-n-butylphthalate	18.679	149	260203	39.393	ng		99
75) Fluoranthene	19.790	202	303832	37.555	ng		99
77) Benzidine	19.954	184	99180	35.092	ng		98
78) Pyrene	20.154	202	302085	42.240	ng		96
80) Butylbenzylphthalate	21.006	149	107747	43.781	ng		95
81) Benzo(a)anthracene	22.057	228	289294	40.431	ng		99
82) 3,3'-Dichlorobenzidine	21.957	252	97992	40.557	ng		100
83) Chrysene	22.134	228	273503	40.824	ng		99
84) Bis(2-ethylhexyl)phtha...	21.910	149	148968	41.802	ng		98
85) Di-n-octyl phthalate	23.226	149	250808	41.764	ng		99
87) Indeno(1,2,3-cd)pyrene	29.717	276	320954	40.387	ng	#	97
88) Benzo(b)fluoranthene	24.489	252	281021	41.793	ng		99
89) Benzo(k)fluoranthene	24.566	252	282060	42.017	ng		99
90) Benzo(a)pyrene	25.459	252	267906	40.545	ng		100
91) Dibenzo(a,h)anthracene	29.776	278	273540	41.875	ng		98
92) Benzo(g,h,i)perylene	31.004	276	261801	40.930	ng		98

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

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