Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
Data File : BG057680.D
Acq On : 12 Jun 2023 13:59
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Jun 13 01:44:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 01:42:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.944	152	27880	20.000	ng		0.00
21) Naphthalene-d8	10.746	136	115685	20.000	ng		0.00
39) Acenaphthene-d10	14.577	164	77364	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	191168	20.000	ng		0.00
76) Chrysene-d12	21.581	240	171213	20.000	ng		0.00
86) Perylene-d12	24.747	264	204074	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	18051	10.153	ng		0.00
7) Phenol-d6	7.092	99	26912	10.465	ng		0.00
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	16.058	330	7326	7.764	ng		0.00
45) 2-Fluorobiphenyl	13.202	172	59270	11.099	ng		0.00
79) Terphenyl-d14	19.935	244	100271	10.817	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	4492	5.307	ng		98
3) Pyridine	3.819	79	11153	4.702	ng		95
4) n-Nitrosodimethylamine	3.737	42	5694	4.957	ng	#	79
6) Aniline	7.262	93	16196	5.057	ng		97
8) 2-Chlorophenol	7.503	128	8465	4.891	ng		97
9) Benzaldehyde	7.080	77	9087	5.880	ng		97
10) Phenol	7.121	94	13056	5.172	ng		93
11) bis(2-Chloroethyl)ether	7.362	93	10018	5.261	ng		94
12) 1,3-Dichlorobenzene	7.832	146	9970	5.295	ng		88
13) 1,4-Dichlorobenzene	7.979	146	9741	5.185	ng		98
14) 1,2-Dichlorobenzene	8.296	146	9782	5.359	ng		99
15) Benzyl Alcohol	8.179	79	9206	4.830	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	21534	5.187	ng		99
17) 2-Methylphenol	8.378	107	9173	5.050	ng		88
18) Hexachloroethane	9.031	117	3061	4.789	ng		88
19) n-Nitroso-di-n-propyla...	8.743	70	8136	4.797	ng	#	97
20) 3+4-Methylphenols	8.702	107	12081	4.910	ng		96
22) Acetophenone	8.760	105	16590	5.121	ng	#	96
24) Nitrobenzene	9.142	77	6479	3.330	ng	#	91
25) Isophorone	9.665	82	24336	4.944	ng		95
26) 2-Nitrophenol	9.853	139	1590	3.965	ng	#	78
27) 2,4-Dimethylphenol	9.912	122	8954	4.983	ng		93
28) bis(2-Chloroethoxy)met...	10.153	93	12311	4.705	ng		95
29) 2,4-Dichlorophenol	10.388	162	7241	4.352	ng		95
30) 1,2,4-Trichlorobenzene	10.605	180	10241	5.079	ng		96
31) Naphthalene	10.799	128	32586	5.281	ng		98
33) 4-Chloroaniline	10.899	127	13415	4.913	ng		95
34) Hexachlorobutadiene	11.081	225	6692	5.156	ng		93
35) Caprolactam	11.639	113	2100	3.720	ng		97
36) 4-Chloro-3-methylphenol	12.015	107	10170	4.717	ng		97
37) 2-Methylnaphthalene	12.403	142	22267	5.050	ng		98
38) 1-Methylnaphthalene	12.626	142	21105	5.082	ng		93
40) 1,2,4,5-Tetrachloroben...	12.767	216	12417	5.428	ng		99
41) Hexachlorocyclopentadiene	12.756	237	4575	4.152	ng		98
43) 2,4,6-Trichlorophenol	13.008	196	6069	4.271	ng		92
44) 2,4,5-Trichlorophenol	13.073	196	6766	3.994	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.414	154	29865	5.461	ng		97
47) 2-Chloronaphthalene	13.455	162	22408	5.373	ng		93
48) 2-Nitroaniline	13.649	65	2868	8.001	ng		96
49) Acenaphthylene	14.301	152	37345	5.325	ng		99
50) Dimethylphthalate	14.031	163	28868	5.055	ng		97
51) 2,6-Dinitrotoluene	14.142	165	1948	7.126	ng		95
52) Acenaphthene	14.642	154	21796	5.166	ng		95
53) 3-Nitroaniline	14.471	138	2151	6.276	ng	#	95
55) Dibenzofuran	14.977	168	37977	5.414	ng		99
57) 2,4-Dinitrotoluene	14.930	165	2366	7.821	ng	#	95
58) Fluorene	15.623	166	30051	5.457	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.194	232	5152	3.796	ng	#	95
60) Diethylphthalate	15.394	149	28996	4.941	ng		98
61) 4-Chlorophenyl-phenyle...	15.623	204	15958	5.366	ng		97
62) 4-Nitroaniline	15.629	138	2931	5.979	ng		92
63) Azobenzene	15.911	77	32609	5.298	ng		98
66) n-Nitrosodiphenylamine	15.829	169	26429	5.203	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	10055	4.969	ng		93
68) Hexachlorobenzene	16.622	284	10335	5.101	ng		99
69) Atrazine	16.774	200	8515	4.839	ng		93
70) Pentachlorophenol	16.962	266	4541	3.457	ng	#	80
71) Phenanthrene	17.362	178	49218	5.269	ng		99
72) Anthracene	17.450	178	50421	5.293	ng		97
73) Carbazole	17.720	167	45881	5.183	ng		98
74) Di-n-butylphthalate	18.290	149	49828	4.713	ng		99
75) Fluoranthene	19.371	202	59215	5.185	ng		97
77) Benzidine	19.554	184	22764	5.237	ng		96
78) Pyrene	19.736	202	63192	5.215	ng		98
80) Butylbenzylphthalate	20.629	149	15527	3.661	ng		91
81) Benzo(a)anthracene	21.557	228	63045	5.300	ng		98
82) 3,3'-Dichlorobenzidine	21.481	252	18362	4.662	ng		99
83) Chrysene	21.622	228	59744	5.295	ng		99
84) Bis(2-ethylhexyl)phtha...	21.487	149	27721	4.271	ng		96
85) Di-n-octyl phthalate	22.685	149	41702	3.804	ng	#	97
87) Indeno(1,2,3-cd)pyrene	28.349	276	63998	4.842	ng		98
88) Benzo(b)fluoranthene	23.743	252	54933	4.946	ng		100
89) Benzo(k)fluoranthene	23.807	252	57454	5.077	ng		99
90) Benzo(a)pyrene	24.595	252	54306	4.976	ng		96
91) Dibenzo(a,h)anthracene	28.426	278	55303	5.017	ng		99
92) Benzo(g,h,i)perylene	29.465	276	52461	4.820	ng		96

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

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