Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG060000.D
Acq On : 13 Dec 2023 17:23
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG121323

Quant Time: Dec 14 01:48:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 01:47:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	66211	20.000	ng		0.00
21) Naphthalene-d8	10.767	136	242625	20.000	ng		0.00
39) Acenaphthene-d10	14.591	164	197043	20.000	ng		0.00
64) Phenanthrene-d10	17.341	188	583861	20.000	ng		0.00
76) Chrysene-d12	21.613	240	685865	20.000	ng		0.00
86) Perylene-d12	24.803	264	796244	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	325404	84.132	ng		0.00
7) Phenol-d6	7.112	99	439543	80.788	ng		0.00
23) Nitrobenzene-d5	9.116	82	440001	82.348	ng		0.00
42) 2,4,6-Tribromophenol	16.084	330	383043	83.415	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	1342576	83.392	ng		0.00
79) Terphenyl-d14	19.968	244	3220980	85.740	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	70924	38.752	ng		91
3) Pyridine	3.828	79	206270	40.243	ng		98
4) n-Nitrosodimethylamine	3.745	42	101883	40.411	ng	#	82
6) Aniline	7.282	93	221258	39.927	ng		96
8) 2-Chlorophenol	7.517	128	144022	39.294	ng		97
9) Benzaldehyde	7.094	77	135592	40.987	ng		95
10) Phenol	7.136	94	220724	40.385	ng		99
11) bis(2-Chloroethyl)ether	7.376	93	151862	38.812	ng		93
12) 1,3-Dichlorobenzene	7.846	146	196920	40.177	ng		96
13) 1,4-Dichlorobenzene	7.993	146	201173	39.444	ng		97
14) 1,2-Dichlorobenzene	8.311	146	189491	38.617	ng		93
15) Benzyl Alcohol	8.187	79	172742	39.504	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.481	45	280429	40.052	ng		98
17) 2-Methylphenol	8.393	107	146725	40.266	ng		93
18) Hexachloroethane	9.045	117	61085	39.537	ng		90
19) n-Nitroso-di-n-propyla...	8.763	70	140401	39.998	ng		88
20) 3+4-Methylphenols	8.722	107	200500	39.393	ng		96
22) Acetophenone	8.781	105	282046	39.891	ng	#	97
24) Nitrobenzene	9.163	77	230387	42.471	ng		97
25) Isophorone	9.680	82	410604	40.151	ng	#	97
26) 2-Nitrophenol	9.868	139	85687	42.951	ng		92
27) 2,4-Dimethylphenol	9.926	122	105460	38.565	ng		99
28) bis(2-Chloroethoxy)met...	10.167	93	212246	40.198	ng		99
29) 2,4-Dichlorophenol	10.402	162	206818	42.109	ng		95
30) 1,2,4-Trichlorobenzene	10.626	180	273700	41.169	ng		96
31) Naphthalene	10.814	128	509131	40.310	ng		95
32) Benzoic acid	10.056	122	103125	41.457	ng		99
33) 4-Chloroaniline	10.913	127	192945	40.147	ng		97
34) Hexachlorobutadiene	11.096	225	244370	40.161	ng		94
35) Caprolactam	11.689	113	49900	39.994	ng		98
36) 4-Chloro-3-methylphenol	12.036	107	180697	40.453	ng		94
37) 2-Methylnaphthalene	12.418	142	402392	40.620	ng		98
38) 1-Methylnaphthalene	12.641	142	396487	40.518	ng		100
40) 1,2,4,5-Tetrachloroben...	12.788	216	430276	41.886	ng		99
41) Hexachlorocyclopentadiene	12.770	237	182021	42.886	ng		97
43) 2,4,6-Trichlorophenol	13.023	196	243212	42.227	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	261745	41.780	ng		97
46) 1,1'-Biphenyl	13.428	154	602700	41.244	ng		98
47) 2-Chloronaphthalene	13.469	162	521989	41.247	ng		97
48) 2-Nitroaniline	13.669	65	122897	44.987	ng		91
49) Acenaphthylene	14.315	152	716777	41.406	ng		97
50) Dimethylphthalate	14.051	163	629689	41.170	ng		99
51) 2,6-Dinitrotoluene	14.163	165	140858	44.459	ng		99
52) Acenaphthene	14.662	154	498209	41.809	ng		97
53) 3-Nitroaniline	14.492	138	109581	43.283	ng		99
54) 2,4-Dinitrophenol	14.691	184	102646	43.973	ng	#	92
55) Dibenzofuran	14.991	168	812619	41.898	ng		98
56) 4-Nitrophenol	14.791	139	88324	41.510	ng		97
57) 2,4-Dinitrotoluene	14.950	165	193381	43.420	ng		96
58) Fluorene	15.643	166	682397	41.724	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.214	232	278548	42.713	ng		98
60) Diethylphthalate	15.414	149	581338	41.309	ng		97
61) 4-Chlorophenyl-phenyle...	15.637	204	495308	42.051	ng		98
62) 4-Nitroaniline	15.661	138	115431	41.871	ng		98
63) Azobenzene	15.931	77	566665	40.841	ng		97
65) 4,6-Dinitro-2-methylph...	15.714	198	164237	44.864	ng		95
66) n-Nitrosodiphenylamine	15.849	169	602744	42.258	ng		95
67) 4-Bromophenyl-phenylether	16.530	248	348059	42.251	ng		98
68) Hexachlorobenzene	16.642	284	399247	41.458	ng		95
69) Atrazine	16.795	200	209274	43.426	ng		96
70) Pentachlorophenol	16.983	266	268732	43.075	ng		93
71) Phenanthrene	17.382	178	1167293	41.276	ng		99
72) Anthracene	17.476	178	1182651	41.592	ng		98
73) Carbazole	17.741	167	992553	41.077	ng		98
74) Di-n-butylphthalate	18.311	149	935354	42.434	ng		97
75) Fluoranthene	19.398	202	1718635	41.645	ng		98
77) Benzidine	19.580	184	488977	55.504	ng	#	96
78) Pyrene	19.762	202	1780015	42.813	ng		99
80) Butylbenzylphthalate	20.655	149	329776	44.164	ng		96
81) Benzo(a)anthracene	21.595	228	1923391	41.748	ng		99
82) 3,3'-Dichlorobenzidine	21.513	252	640407	42.243	ng		96
83) Chrysene	21.660	228	1835329	42.048	ng		99
84) Bis(2-ethylhexyl)phtha...	21.513	149	498767	44.069	ng		98
85) Di-n-octyl phthalate	22.717	149	853741	43.609	ng		99
87) Indeno(1,2,3-cd)pyrene	28.440	276	2337439	41.133	ng		99
88) Benzo(b)fluoranthene	23.787	252	2009467	40.863	ng		100
89) Benzo(k)fluoranthene	23.863	252	1967257	41.243	ng		99
90) Benzo(a)pyrene	24.650	252	1778168	40.813	ng		97
91) Dibenzo(a,h)anthracene	28.505	278	1962876	41.308	ng		100
92) Benzo(g,h,i)perylene	29.574	276	1929403	40.820	ng		97

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

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