Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
Data File : BG059995.D
Acq On : 13 Dec 2023 14:01
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 01:40:08 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 01:32:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	65864	20.000	ng		0.00
21) Naphthalene-d8	10.762	136	243010	20.000	ng	#	0.00
39) Acenaphthene-d10	14.593	164	211107	20.000	ng		0.00
64) Phenanthrene-d10	17.342	188	636429	20.000	ng		0.00
76) Chrysene-d12	21.614	240	752879	20.000	ng		0.00
86) Perylene-d12	24.798	264	880846	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.521	112	168115	43.694	ng		0.00
7) Phenol-d6	7.107	99	218237	40.323	ng		0.00
23) Nitrobenzene-d5	9.117	82	212578	39.722	ng		0.00
42) 2,4,6-Tribromophenol	16.079	330	199947	40.642	ng		0.00
45) 2-Fluorobiphenyl	13.218	172	701293	40.658	ng		0.00
79) Terphenyl-d14	19.963	244	1875633	45.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	36425	20.007	ng		92
3) Pyridine	3.829	79	101899	20.009	ng		94
4) n-Nitrosodimethylamine	3.752	42	49933	19.910	ng		80
6) Aniline	7.278	93	113153	20.526	ng		95
8) 2-Chlorophenol	7.519	128	73312	20.107	ng		98
9) Benzaldehyde	7.096	77	76207	23.157	ng		93
10) Phenol	7.137	94	112571	20.705	ng		94
11) bis(2-Chloroethyl)ether	7.378	93	82927	21.306	ng		94
12) 1,3-Dichlorobenzene	7.848	146	98127	20.126	ng		94
13) 1,4-Dichlorobenzene	7.994	146	103494	20.399	ng		95
14) 1,2-Dichlorobenzene	8.312	146	98423	20.164	ng		94
15) Benzyl Alcohol	8.188	79	87569	20.132	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.482	45	144553	20.756	ng		96
17) 2-Methylphenol	8.388	107	74866	20.654	ng		93
18) Hexachloroethane	9.040	117	31130	20.255	ng		96
19) n-Nitroso-di-n-propyla...	8.758	70	73617	21.083	ng	#	89
20) 3+4-Methylphenols	8.711	107	104170	20.574	ng		93
22) Acetophenone	8.776	105	150388	21.237	ng	#	98
24) Nitrobenzene	9.158	77	110730	20.380	ng		91
25) Isophorone	9.681	82	210016	20.504	ng		97
26) 2-Nitrophenol	9.869	139	39835	19.936	ng		93
27) 2,4-Dimethylphenol	9.922	122	58940	21.519	ng		95
28) bis(2-Chloroethoxy)met...	10.163	93	109951	20.791	ng	#	98
29) 2,4-Dichlorophenol	10.398	162	102680	20.873	ng		90
30) 1,2,4-Trichlorobenzene	10.621	180	139050	20.882	ng		98
31) Naphthalene	10.809	128	261211	20.648	ng		97
32) Benzoic acid	10.022	122	51913m	20.833	ng		
33) 4-Chloroaniline	10.915	127	101181	21.020	ng	#	95
34) Hexachlorobutadiene	11.097	225	123501	20.265	ng		93
35) Caprolactam	11.667	113	25928	20.748	ng	#	80
36) 4-Chloro-3-methylphenol	12.031	107	94700	21.167	ng	#	90
37) 2-Methylnaphthalene	12.419	142	202899	20.449	ng		97
38) 1-Methylnaphthalene	12.636	142	202788	20.690	ng		96
40) 1,2,4,5-Tetrachloroben...	12.783	216	222238	20.193	ng		99
41) Hexachlorocyclopentadiene	12.765	237	87901	19.331	ng		92
43) 2,4,6-Trichlorophenol	13.018	196	124514	20.178	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	137705	20.516	ng		94
46) 1,1'-Biphenyl	13.429	154	318520	20.345	ng		97
47) 2-Chloronaphthalene	13.470	162	273562	20.176	ng		98
48) 2-Nitroaniline	13.664	65	55572	18.987	ng		92
49) Acenaphthylene	14.316	152	374130	20.172	ng		99
50) Dimethylphthalate	14.046	163	334557	20.417	ng		99
51) 2,6-Dinitrotoluene	14.164	165	67298	19.826	ng		93
52) Acenaphthene	14.657	154	256789	20.113	ng		98
53) 3-Nitroaniline	14.493	138	52412	19.323	ng		98
54) 2,4-Dinitrophenol	14.693	184	50859	20.336	ng	#	90
55) Dibenzofuran	14.992	168	430803	20.732	ng		96
56) 4-Nitrophenol	14.787	139	45103	19.785	ng		98
57) 2,4-Dinitrotoluene	14.945	165	96468	20.217	ng		91
58) Fluorene	15.638	166	361635	20.639	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.210	232	141916	20.312	ng		99
60) Diethylphthalate	15.415	149	305896	20.289	ng		95
61) 4-Chlorophenyl-phenyle...	15.633	204	252130	19.979	ng		96
62) 4-Nitroaniline	15.650	138	61338	20.767	ng	#	81
63) Azobenzene	15.926	77	306894	20.645	ng		97
65) 4,6-Dinitro-2-methylph...	15.709	198	77724	19.478	ng		91
66) n-Nitrosodiphenylamine	15.844	169	316523	20.358	ng		97
67) 4-Bromophenyl-phenylether	16.532	248	179857	20.030	ng		96
68) Hexachlorobenzene	16.643	284	209389	19.947	ng		95
69) Atrazine	16.796	200	129487	20.312	ng		96
70) Pentachlorophenol	16.984	266	142929	21.018	ng		94
71) Phenanthrene	17.383	178	631149	20.474	ng		99
72) Anthracene	17.472	178	643868	20.773	ng		99
73) Carbazole	17.742	167	553578	21.018	ng		98
74) Di-n-butylphthalate	18.312	149	497260	20.696	ng		98
75) Fluoranthene	19.399	202	935015	20.785	ng		98
77) Benzidine	19.575	184	152074	15.726	ng		99
78) Pyrene	19.757	202	971529	21.288	ng		98
80) Butylbenzylphthalate	20.656	149	165206	20.155	ng		99
81) Benzo(a)anthracene	21.590	228	1070005	21.158	ng		98
82) 3,3'-Dichlorobenzidine	21.508	252	341733	20.535	ng		99
83) Chrysene	21.655	228	1015436	21.193	ng		97
84) Bis(2-ethylhexyl)phtha...	21.514	149	254360	20.474	ng		97
85) Di-n-octyl phthalate	22.718	149	436631	20.318	ng		99
87) Indeno(1,2,3-cd)pyrene	28.429	276	1273931	20.265	ng	#	98
88) Benzo(b)fluoranthene	23.788	252	1104999	20.312	ng		100
89) Benzo(k)fluoranthene	23.852	252	1086071	20.577	ng		99
90) Benzo(a)pyrene	24.646	252	980521	20.344	ng	#	97
91) Dibenzo(a,h)anthracene	28.500	278	1074305	20.437	ng		96
92) Benzo(g,h,i)perylene	29.563	276	1051729	20.114	ng		98

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

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