Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
Data File : BG059930.D
Acq On : 1 Dec 2023 23:14
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 02 02:26:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 02:20:10 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.970	152	32226	20.000	ng		# 0.00
21) Naphthalene-d8	10.772	136	116144	20.000	ng		# 0.00
39) Acenaphthene-d10	14.602	164	139790	20.000	ng		# 0.00
64) Phenanthrene-d10	17.351	188	489457	20.000	ng		# 0.00
76) Chrysene-d12	21.622	240	754120	20.000	ng		# 0.00
86) Perylene-d12	24.817	264	894061	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	159278	80.011	ng		0.00
7) Phenol-d6	7.118	99	251947	87.626	ng		0.00
23) Nitrobenzene-d5	9.127	82	439310	201.488	ng		0.00
42) 2,4,6-Tribromophenol	16.088	330	674192	259.717	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	1727425	162.299	ng		0.00
79) Terphenyl-d14	19.977	244	4876980	107.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	28696m	46.456	ng		
3) Pyridine	3.828	79	78426m	47.761	ng		
4) n-Nitrosodimethylamine	3.746	42	69251	70.090	ng	#	80
6) Aniline	7.288	93	132648	43.376	ng	#	91
8) 2-Chlorophenol	7.529	128	84791	38.520	ng		98
9) Benzaldehyde	7.100	77	88990	46.569	ng		90
10) Phenol	7.147	94	121445	41.024	ng		94
11) bis(2-Chloroethyl)ether	7.388	93	77497	34.394	ng		90
12) 1,3-Dichlorobenzene	7.852	146	140523m	55.377	ng		
13) 1,4-Dichlorobenzene	7.999	146	147181	56.125	ng		96
14) 1,2-Dichlorobenzene	8.316	146	145569	57.084	ng		96
15) Benzyl Alcohol	8.199	79	161504	68.952	ng	#	93
16) 2,2'-oxybis(1-Chloropr...	8.498	45	25387	6.426	ng		93
17) 2-Methylphenol	8.398	107	92551	45.077	ng	#	85
18) Hexachloroethane	9.056	117	62388	64.664	ng		79
19) n-Nitroso-di-n-propyla...	8.774	70	107718	52.571	ng	#	86
20) 3+4-Methylphenols	8.733	107	133768	45.789	ng		91
22) Acetophenone	8.786	105	238507	72.818	ng	#	89
24) Nitrobenzene	9.168	77	212485	91.981	ng		94
25) Isophorone	9.691	82	333489	69.145	ng		98
26) 2-Nitrophenol	9.879	139	69628	92.383	ng		94
27) 2,4-Dimethylphenol	9.938	122	78005	57.351	ng		89
28) bis(2-Chloroethoxy)met...	10.178	93	133843	51.348	ng	#	93
29) 2,4-Dichlorophenol	10.408	162	194366	95.304	ng		91
30) 1,2,4-Trichlorobenzene	10.631	180	302124	118.335	ng		98
31) Naphthalene	10.825	128	352933	55.117	ng	#	94
32) Benzoic acid	10.084	122	81805m	68.076	ng		
33) 4-Chloroaniline	10.924	127	136766	53.527	ng		97
34) Hexachlorobutadiene	11.107	225	371927	178.275	ng		99
35) Caprolactam	11.712	113	29359	45.118	ng		90
36) 4-Chloro-3-methylphenol	12.046	107	175652	75.810	ng		92
37) 2-Methylnaphthalene	12.428	142	357724	75.365	ng		97
38) 1-Methylnaphthalene	12.652	142	345441	71.811	ng		99
40) 1,2,4,5-Tetrachloroben...	12.793	216	640940	123.217	ng		98
41) Hexachlorocyclopentadiene	12.775	237	308219	144.169	ng		92
43) 2,4,6-Trichlorophenol	13.028	196	325425	101.923	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	365735	101.517	ng		94
46) 1,1'-Biphenyl	13.439	154	625381	59.896	ng		96
47) 2-Chloronaphthalene	13.480	162	559331	63.769	ng		96
48) 2-Nitroaniline	13.680	65	113532	51.888	ng		91
49) Acenaphthylene	14.326	152	693582	53.047	ng		97
50) Dimethylphthalate	14.061	163	763986	66.960	ng		98
51) 2,6-Dinitrotoluene	14.173	165	155138	77.314	ng		96
52) Acenaphthene	14.666	154	549232m	65.648	ng		
53) 3-Nitroaniline	14.502	138	86584	46.357	ng		98
54) 2,4-Dinitrophenol	14.702	184	143195	139.817	ng		89
55) Dibenzofuran	15.001	168	956428	71.824	ng		98
56) 4-Nitrophenol	14.802	139	71853	47.518	ng	#	89
57) 2,4-Dinitrotoluene	14.960	165	235914	86.947	ng	#	88
58) Fluorene	15.647	166	866743	79.297	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.219	232	443209	126.067	ng		99
60) Diethylphthalate	15.424	149	640556	57.176	ng		98
61) 4-Chlorophenyl-phenyle...	15.647	204	757085	115.311	ng		96
62) 4-Nitroaniline	15.671	138	104076	51.386	ng	#	79
63) Azobenzene	15.941	77	655913	61.641	ng		96
65) 4,6-Dinitro-2-methylph...	15.724	198	238101	110.610	ng		99
66) n-Nitrosodiphenylamine	15.859	169	665468	51.796	ng		99
67) 4-Bromophenyl-phenylether	16.540	248	613288	95.666	ng		97
68) Hexachlorobenzene	16.652	284	689895	91.469	ng		99
69) Atrazine	16.811	200	344047	69.308	ng		98
70) Pentachlorophenol	16.993	266	478725	107.377	ng		97
71) Phenanthrene	17.392	178	1414895	57.563	ng		99
72) Anthracene	17.486	178	1433159	57.812	ng		96
73) Carbazole	17.751	167	1051795	46.933	ng		100
74) Di-n-butylphthalate	18.320	149	868026	33.213	ng		100
75) Fluoranthene	19.407	202	2353051	71.248	ng		97
77) Benzidine	19.589	184	612888	46.812	ng		98
78) Pyrene	19.771	202	2431146	46.845	ng		98
80) Butylbenzylphthalate	20.664	149	307271	18.123	ng		99
81) Benzo(a)anthracene	21.604	228	3010433	57.642	ng		98
82) 3,3'-Dichlorobenzidine	21.522	252	1011939	59.956	ng	#	97
83) Chrysene	21.669	228	2819779	56.995	ng		97
84) Bis(2-ethylhexyl)phtha...	21.528	149	461777	18.364	ng		97
85) Di-n-octyl phthalate	22.738	149	832015	19.281	ng		99
87) Indeno(1,2,3-cd)pyrene	28.477	276	4068099	60.942	ng	#	93
88) Benzo(b)fluoranthene	23.807	252	3467767	61.618	ng		98
89) Benzo(k)fluoranthene	23.878	252	3322182	60.689	ng		99
90) Benzo(a)pyrene	24.671	252	2947406	59.487	ng		99
91) Dibenzo(a,h)anthracene	28.542	278	3505496	62.578	ng	#	98
92) Benzo(g,h,i)perylene	29.617	276	3293214	59.669	ng	#	99

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

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