Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059982.D
Acq On : 7 Dec 2023 11:58
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 08 02:16:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 02:14:41 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	116845	20.000	ng	# 0.00
21) Naphthalene-d8	10.761	136	424529	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	416322	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	1424282	20.000	ng	0.00
76) Chrysene-d12	21.613	240	1971563	20.000	ng	0.00
86) Perylene-d12	24.810	264	2325649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	72095	11.411	ng	0.00
7) Phenol-d6	7.107	99	96072	10.815	ng	0.00
23) Nitrobenzene-d5	9.122	82	95418	9.926	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	113880	9.411	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	379098	10.942	ng	0.00
79) Terphenyl-d14	19.962	244	1276812	8.287	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	18609	6.512	ng	# 85
3) Pyridine	3.834	79	44431	5.604	ng	# 81
4) n-Nitrosodimethylamine	3.746	42	16661	4.848	ng	# 95
6) Aniline	7.277	93	48617	5.134	ng	96
8) 2-Chlorophenol	7.518	128	32583	5.372	ng	92
9) Benzaldehyde	7.095	77	32009	5.909	ng	91
10) Phenol	7.136	94	43456	5.007	ng	89
11) bis(2-Chloroethyl)ether	7.371	93	32438	5.587	ng	81
12) 1,3-Dichlorobenzene	7.853	146	48446m	5.650	ng	
13) 1,4-Dichlorobenzene	7.994	146	43874	5.201	ng	98
14) 1,2-Dichlorobenzene	8.317	146	41761	5.192	ng	92
15) Benzyl Alcohol	8.194	79	40361	5.091	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.494	45	17458	5.583	ng	73
17) 2-Methylphenol	8.394	107	27939	4.763	ng	90
18) Hexachloroethane	9.040	117	15902	5.809	ng	95
19) n-Nitroso-di-n-propyla...	8.758	70	29529	4.933	ng	# 89
20) 3+4-Methylphenols	8.717	107	43743	5.264	ng	92
22) Acetophenone	8.776	105	65983	5.313	ng	# 91
24) Nitrobenzene	9.163	77	49618	4.997	ng	99
25) Isophorone	9.680	82	94416	5.460	ng	# 97
26) 2-Nitrophenol	9.868	139	21185	5.486	ng	87
27) 2,4-Dimethylphenol	9.927	122	28242	5.421	ng	85
28) bis(2-Chloroethoxy)met...	10.174	93	42708	5.214	ng	# 96
29) 2,4-Dichlorophenol	10.403	162	51685	5.265	ng	94
30) 1,2,4-Trichlorobenzene	10.620	180	67327	4.939	ng	98
31) Naphthalene	10.814	128	111121	5.125	ng	97
33) 4-Chloroaniline	10.920	127	40790	4.999	ng	# 90
34) Hexachlorobutadiene	11.102	225	76387	5.147	ng	91
35) Caprolactam	11.649	113	11046m	4.944	ng	
36) 4-Chloro-3-methylphenol	12.025	107	45701	5.308	ng	# 91
37) 2-Methylnaphthalene	12.418	142	97329	5.182	ng	96
38) 1-Methylnaphthalene	12.642	142	95042	5.327	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.789	216	135045	5.072	ng	96
41) Hexachlorocyclopentadiene	12.771	237	55627	4.471	ng	85
43) 2,4,6-Trichlorophenol	13.024	196	68973	4.999	ng	95
44) 2,4,5-Trichlorophenol	13.088	196	77845	5.003	ng	# 93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.429	154	157299	5.194	ng		98
47) 2-Chloronaphthalene	13.470	162	134069	5.142	ng		95
48) 2-Nitroaniline	13.670	65	23840	4.684	ng	#	66
49) Acenaphthylene	14.316	152	182614	5.195	ng		98
50) Dimethylphthalate	14.046	163	178079	5.366	ng	#	96
51) 2,6-Dinitrotoluene	14.163	165	35789	4.900	ng		93
52) Acenaphthene	14.657	154	132426	5.196	ng		85
53) 3-Nitroaniline	14.492	138	25892	5.183	ng		95
54) 2,4-Dinitrophenol	14.698	184	26690	4.396	ng	#	73
55) Dibenzofuran	14.992	168	216426	5.227	ng		96
56) 4-Nitrophenol	14.786	139	22435	5.300	ng	#	72
57) 2,4-Dinitrotoluene	14.945	165	50743	4.851	ng	#	94
58) Fluorene	15.644	166	191951	5.321	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.215	232	83842	4.803	ng		93
60) Diethylphthalate	15.409	149	159669	5.351	ng		91
61) 4-Chlorophenyl-phenyle...	15.638	204	154612	5.105	ng		98
62) 4-Nitroaniline	15.650	138	30661	5.540	ng	#	69
63) Azobenzene	15.926	77	133376	5.117	ng		99
65) 4,6-Dinitro-2-methylph...	15.709	198	46255	4.556	ng		89
66) n-Nitrosodiphenylamine	15.850	169	175246	5.179	ng		94
67) 4-Bromophenyl-phenylether	16.537	248	112311	5.026	ng		85
68) Hexachlorobenzene	16.643	284	137550	5.292	ng		95
69) Atrazine	16.796	200	94431	6.394	ng		91
70) Pentachlorophenol	16.984	266	87001	4.782	ng		97
71) Phenanthrene	17.383	178	363024	5.567	ng		96
72) Anthracene	17.471	178	359632	5.457	ng	#	95
73) Carbazole	17.742	167	299751	5.578	ng		95
74) Di-n-butylphthalate	18.311	149	269306	5.609	ng		98
75) Fluoranthene	19.398	202	583674	5.717	ng		92
77) Benzidine	19.581	184	97994	4.236	ng	#	90
78) Pyrene	19.763	202	611711	5.793	ng		92
80) Butylbenzylphthalate	20.656	149	100063	5.375	ng		93
81) Benzo(a)anthracene	21.596	228	715263	5.684	ng		90
82) 3,3'-Dichlorobenzidine	21.514	252	231848	5.167	ng	#	90
83) Chrysene	21.660	228	671905	5.656	ng		92
84) Bis(2-ethylhexyl)phtha...	21.519	149	141802	5.175	ng		96
85) Di-n-octyl phthalate	22.724	149	248025	5.237	ng		99
87) Indeno(1,2,3-cd)pyrene	28.429	276	876795	5.175	ng	#	98
88) Benzo(b)fluoranthene	23.787	252	753336m	5.567	ng		
89) Benzo(k)fluoranthene	23.852	252	722061	5.506	ng		94
90) Benzo(a)pyrene	24.651	252	661838	5.364	ng	#	100
91) Dibenzo(a,h)anthracene	28.511	278	742724	5.204	ng		99
92) Benzo(g,h,i)perylene	29.563	276	724493	5.209	ng	#	94

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

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