Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
Data File : BG059983.D
Acq On : 7 Dec 2023 12:38
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 02:18:02 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 :
SSTDICC010

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	7.954	152	121438	20.000	ng		0.00
21) Naphthalene-d8	10.762	136	434451	20.000	ng		0.00
39) Acenaphthene-d10	14.593	164	430339	20.000	ng		0.00
64) Phenanthrene-d10	17.343	188	1474138	20.000	ng		0.00
76) Chrysene-d12	21.614	240	1975482	20.000	ng		0.00
86) Perylene-d12	24.810	264	2361507	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.527	112	139758	21.283	ng		0.00
7) Phenol-d6	7.108	99	173284	18.769	ng		0.00
23) Nitrobenzene-d5	9.117	82	181274	18.426	ng		0.00
42) 2,4,6-Tribromophenol	16.079	330	234320	18.733	ng		0.00
45) 2-Fluorobiphenyl	13.218	172	720248	20.112	ng		0.00
79) Terphenyl-d14	19.963	244	2390008	20.118	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	31593	10.638	ng		95
3) Pyridine	3.829	79	81581	9.901	ng		93
4) n-Nitrosodimethylamine	3.753	42	35354	9.898	ng	#	78
6) Aniline	7.278	93	91698	9.317	ng		92
8) 2-Chlorophenol	7.519	128	63116	10.013	ng		87
9) Benzaldehyde	7.090	77	64562	11.467	ng	#	82
10) Phenol	7.131	94	87379	9.687	ng		91
11) bis(2-Chloroethyl)ether	7.378	93	60052	9.952	ng		98
12) 1,3-Dichlorobenzene	7.848	146	92619	10.394	ng		91
13) 1,4-Dichlorobenzene	7.989	146	85350	9.734	ng		91
14) 1,2-Dichlorobenzene	8.306	146	85221m	10.195	ng		
15) Benzyl Alcohol	8.189	79	73387	8.907	ng		86
16) 2,2'-oxybis(1-Chloropr...	8.488	45	35107	10.803	ng		91
17) 2-Methylphenol	8.394	107	59474	9.755	ng		94
18) Hexachloroethane	9.046	117	27046	9.506	ng		87
19) n-Nitroso-di-n-propyla...	8.759	70	61146	9.829	ng	#	91
20) 3+4-Methylphenols	8.712	107	82391	9.541	ng		93
22) Acetophenone	8.776	105	124432	9.791	ng	#	94
24) Nitrobenzene	9.158	77	98773	9.719	ng		98
25) Isophorone	9.681	82	170492	9.634	ng		95
26) 2-Nitrophenol	9.863	139	36682	9.283	ng		95
27) 2,4-Dimethylphenol	9.922	122	49847	9.349	ng		96
28) bis(2-Chloroethoxy)met...	10.163	93	83560	9.969	ng	#	89
29) 2,4-Dichlorophenol	10.404	162	98139	9.769	ng		98
30) 1,2,4-Trichlorobenzene	10.621	180	136438	9.781	ng		95
31) Naphthalene	10.809	128	217793	9.815	ng		99
32) Benzoic acid	9.992	122	52135m	9.637	ng		
33) 4-Chloroaniline	10.915	127	79247	9.490	ng	#	90
34) Hexachlorobutadiene	11.097	225	151107	9.948	ng		92
35) Caprolactam	11.667	113	24644	10.778	ng		90
36) 4-Chloro-3-methylphenol	12.031	107	83964	9.529	ng		92
37) 2-Methylnaphthalene	12.419	142	185875	9.670	ng		94
38) 1-Methylnaphthalene	12.636	142	178285	9.765	ng		98
40) 1,2,4,5-Tetrachloroben...	12.783	216	265631	9.652	ng		95
41) Hexachlorocyclopentadiene	12.766	237	109559	8.520	ng		98
43) 2,4,6-Trichlorophenol	13.018	196	132652	9.300	ng		95

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44) 2,4,5-Trichlorophenol	13.089	196	157665	9.802	ng		94
46) 1,1'-Biphenyl	13.430	154	302512	9.664	ng		96
47) 2-Chloronaphthalene	13.471	162	270589	10.040	ng		98
48) 2-Nitroaniline	13.665	65	49327	9.375	ng		83
49) Acenaphthylene	14.317	152	353443	9.727	ng		99
50) Dimethylphthalate	14.046	163	346046	10.088	ng	#	97
51) 2,6-Dinitrotoluene	14.164	165	74840	9.912	ng		92
52) Acenaphthene	14.658	154	249077	9.455	ng		95
53) 3-Nitroaniline	14.487	138	50648	9.808	ng	#	87
54) 2,4-Dinitrophenol	14.693	184	57980	9.238	ng	#	94
55) Dibenzofuran	14.992	168	435461	10.174	ng		98
56) 4-Nitrophenol	14.787	139	43775	10.005	ng	#	89
57) 2,4-Dinitrotoluene	14.945	165	107499	9.942	ng	#	91
58) Fluorene	15.639	166	364765	9.781	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.210	232	186404	10.330	ng	#	100
60) Diethylphthalate	15.415	149	294504	9.549	ng		99
61) 4-Chlorophenyl-phenyle...	15.639	204	310664	9.923	ng		97
62) 4-Nitroaniline	15.650	138	54798	9.579	ng	#	77
63) Azobenzene	15.927	77	266993	9.909	ng		96
65) 4,6-Dinitro-2-methylph...	15.703	198	99858	9.503	ng		96
66) n-Nitrosodiphenylamine	15.844	169	348822	9.959	ng		94
67) 4-Bromophenyl-phenylether	16.532	248	224525	9.708	ng		95
68) Hexachlorobenzene	16.643	284	256550	9.537	ng		97
69) Atrazine	16.796	200	179509	11.743	ng		95
70) Pentachlorophenol	16.990	266	191055	10.146	ng		94
71) Phenanthrene	17.384	178	683487	10.128	ng		99
72) Anthracene	17.472	178	700845	10.275	ng		97
73) Carbazole	17.742	167	575171	10.341	ng		99
74) Di-n-butylphthalate	18.312	149	506909	10.201	ng		98
75) Fluoranthene	19.399	202	1149619	10.880	ng		95
77) Benzidine	19.581	184	153963	6.643	ng		98
78) Pyrene	19.763	202	1134248	10.719	ng		94
80) Butylbenzylphthalate	20.656	149	185208	9.929	ng		96
81) Benzo(a)anthracene	21.596	228	1355217	10.749	ng		90
82) 3,3'-Dichlorobenzidine	21.514	252	457306	10.172	ng	#	95
83) Chrysene	21.661	228	1277098	10.729	ng		95
84) Bis(2-ethylhexyl)phtha...	21.514	149	275661	10.040	ng		96
85) Di-n-octyl phthalate	22.725	149	491115	10.349	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.435	276	1785528	10.378	ng		99
88) Benzo(b)fluoranthene	23.788	252	1437790	10.463	ng	#	93
89) Benzo(k)fluoranthene	23.858	252	1417578m	10.644	ng		
90) Benzo(a)pyrene	24.652	252	1296743	10.351	ng	#	99
91) Dibenzo(a,h)anthracene	28.512	278	1484596	10.245	ng	#	96
92) Benzo(g,h,i)perylene	29.575	276	1461986	10.353	ng	#	97

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

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