Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
Data File : BG059963.D
Acq On : 6 Dec 2023 10:30
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 11:07:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	109823	20.000	ng		0.00
21) Naphthalene-d8	10.767	136	412035	20.000	ng	#	0.00
39) Acenaphthene-d10	14.597	164	426449	20.000	ng		0.00
64) Phenanthrene-d10	17.347	188	1467049	20.000	ng		0.00
76) Chrysene-d12	21.624	240	1916425	20.000	ng		0.00
86) Perylene-d12	24.815	264	2229780	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	443913	81.215	ng		0.00
7) Phenol-d6	7.112	99	655670	76.108	ng		0.00
23) Nitrobenzene-d5	9.121	82	814709	70.682	ng		0.00
42) 2,4,6-Tribromophenol	16.090	330	1041759	75.927	ng		0.00
45) 2-Fluorobiphenyl	13.223	172	2858619	73.112	ng		0.00
79) Terphenyl-d14	19.973	244	6283821	56.525	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	94771	51.282	ng		98
3) Pyridine	3.828	79	272125	49.341	ng	#	90
4) n-Nitrosodimethylamine	3.745	42	120535	41.574	ng	#	86
6) Aniline	7.288	93	432865	45.526	ng		99
8) 2-Chlorophenol	7.523	128	225804	42.351	ng		95
9) Benzaldehyde	7.100	77	210830	32.943	ng		98
10) Phenol	7.141	94	336359	39.034	ng		95
11) bis(2-Chloroethyl)ether	7.382	93	220946	36.844	ng		95
12) 1,3-Dichlorobenzene	7.846	146	291584m	38.000	ng		
13) 1,4-Dichlorobenzene	7.999	146	300346	37.811	ng		93
14) 1,2-Dichlorobenzene	8.316	146	294706	37.844	ng		100
15) Benzyl Alcohol	8.193	79	340530	39.999	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.487	45	122517	38.902	ng		89
17) 2-Methylphenol	8.393	107	244335	42.078	ng		94
18) Hexachloroethane	9.045	117	99418	32.257	ng		89
19) n-Nitroso-di-n-propyla...	8.769	70	247125	38.277	ng	#	97
20) 3+4-Methylphenols	8.722	107	341685	41.468	ng		97
22) Acetophenone	8.781	105	486536	36.952	ng		93
24) Nitrobenzene	9.163	77	392197	34.005	ng		94
25) Isophorone	9.685	82	706912	35.672	ng	#	94
26) 2-Nitrophenol	9.873	139	152558	41.594	ng		98
27) 2,4-Dimethylphenol	9.932	122	244976	48.658	ng		90
28) bis(2-Chloroethoxy)met...	10.173	93	331087	35.560	ng		94
29) 2,4-Dichlorophenol	10.408	162	385485	38.455	ng		91
30) 1,2,4-Trichlorobenzene	10.626	180	502793	34.396	ng		90
31) Naphthalene	10.819	128	808931	38.193	ng		97
32) Benzoic acid	10.062	122	191186	39.823	ng	#	83
33) 4-Chloroaniline	10.919	127	355551	43.045	ng		95
34) Hexachlorobutadiene	11.101	225	551614	33.657	ng		99
35) Caprolactam	11.701	113	89514	42.458	ng	#	81
36) 4-Chloro-3-methylphenol	12.042	107	339290	41.101	ng		97
37) 2-Methylnaphthalene	12.423	142	744969	41.439	ng		96
38) 1-Methylnaphthalene	12.641	142	692236	39.429	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.788	216	1059507	34.803	ng		97
41) Hexachlorocyclopentadiene	12.770	237	617164	40.009	ng		94
43) 2,4,6-Trichlorophenol	13.023	196	560337	35.945	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	656695	38.309	ng	#	93
46) 1,1'-Biphenyl	13.434	154	1214577	38.972	ng		99
47) 2-Chloronaphthalene	13.475	162	979987	35.146	ng		98
48) 2-Nitroaniline	13.675	65	222829	42.160	ng		92
49) Acenaphthylene	14.321	152	1500446	40.207	ng		96
50) Dimethylphthalate	14.057	163	1417762	39.054	ng		99
51) 2,6-Dinitrotoluene	14.168	165	298608	37.544	ng		91
52) Acenaphthene	14.662	154	1078281m	40.034	ng		
53) 3-Nitroaniline	14.498	138	223286	45.252	ng		90
54) 2,4-Dinitrophenol	14.703	184	332490	47.928	ng	#	83
55) Dibenzofuran	14.997	168	1778575	39.149	ng		99
56) 4-Nitrophenol	14.791	139	171198	39.979	ng		93
57) 2,4-Dinitrotoluene	14.956	165	436931	39.499	ng	#	90
58) Fluorene	15.649	166	1531523	39.614	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.220	232	763643	37.447	ng		100
60) Diethylphthalate	15.420	149	1267117	39.189	ng		100
61) 4-Chlorophenyl-phenyle...	15.643	204	1316513	37.538	ng		94
62) 4-Nitroaniline	15.667	138	237272	41.777	ng	#	84
63) Azobenzene	15.937	77	1155977	34.462	ng		91
65) 4,6-Dinitro-2-methylph...	15.720	198	431145	38.439	ng		98
66) n-Nitrosodiphenylamine	15.855	169	1434591	42.690	ng		96
67) 4-Bromophenyl-phenylether	16.536	248	944281	37.569	ng	#	95
68) Hexachlorobenzene	16.648	284	1030074	36.885	ng		99
69) Atrazine	16.801	200	553510	33.382	ng		99
70) Pentachlorophenol	16.989	266	759253	37.518	ng		99
71) Phenanthrene	17.394	178	2795111	40.349	ng		99
72) Anthracene	17.482	178	2902701	40.994	ng		99
73) Carbazole	17.747	167	2161922	40.172	ng		97
74) Di-n-butylphthalate	18.317	149	1971718	42.359	ng		99
75) Fluoranthene	19.404	202	4035919	35.450	ng		97
77) Benzidine	19.586	184	890724	55.147	ng		96
78) Pyrene	19.768	202	4079344	39.998	ng		91
80) Butylbenzylphthalate	20.661	149	700873	48.444	ng		95
81) Benzo(a)anthracene	21.601	228	4888132	38.229	ng		94
82) 3,3'-Dichlorobenzidine	21.519	252	1939854	46.194	ng	#	98
83) Chrysene	21.671	228	4563329	38.066	ng		94
84) Bis(2-ethylhexyl)phtha...	21.525	149	1069470	48.309	ng		99
85) Di-n-octyl phthalate	22.735	149	1836416	48.000	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.463	276	6434450	39.079	ng	#	99
88) Benzo(b)fluoranthene	23.804	252	5173869	37.540	ng		100
89) Benzo(k)fluoranthene	23.875	252	5070975	37.760	ng		98
90) Benzo(a)pyrene	24.668	252	5030558	40.870	ng	#	94
91) Dibenzo(a,h)anthracene	28.534	278	5495332	39.309	ng		98
92) Benzo(g,h,i)perylene	29.609	276	5228595	38.671	ng	#	98

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

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