Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
Data File : BG061063.D
Acq On : 30 Apr 2024 14:17
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 01 04:51:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 04:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	20565	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	92219	20.000	ng	#	0.00
39) Acenaphthene-d10	14.586	164	81615	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	211382	20.000	ng		0.00
76) Chrysene-d12	21.590	240	207712	20.000	ng	#	0.00
86) Perylene-d12	24.727	264	241672	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.550	112	100582	99.469	ng		0.00
7) Phenol-d6	7.136	99	147364	98.514	ng		0.00
23) Nitrobenzene-d5	9.122	82	185042	99.469	ng		0.00
42) 2,4,6-Tribromophenol	16.078	330	159545	97.800	ng		0.00
45) 2-Fluorobiphenyl	13.211	172	543422	98.458	ng		0.00
79) Terphenyl-d14	19.950	244	1226639	98.216	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.464	88	18860	46.128	ng		94
3) Pyridine	3.857	79	60761m	53.281	ng		
4) n-Nitrosodimethylamine	3.769	42	57294	49.566	ng		93
6) Aniline	7.289	93	74561	50.279	ng		96
8) 2-Chlorophenol	7.530	128	60565	48.820	ng		96
9) Benzaldehyde	7.101	77	36710	47.184	ng		91
10) Phenol	7.160	94	76161	50.066	ng		92
11) bis(2-Chloroethyl)ether	7.383	93	50968	48.499	ng		98
12) 1,3-Dichlorobenzene	7.853	146	70885	48.469	ng		98
13) 1,4-Dichlorobenzene	8.000	146	72519	47.977	ng		98
14) 1,2-Dichlorobenzene	8.317	146	71239	48.851	ng		95
15) Benzyl Alcohol	8.199	79	65895	48.833	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	114185	50.073	ng		97
17) 2-Methylphenol	8.405	107	54762	50.515	ng		98
18) Hexachloroethane	9.046	117	26532	49.193	ng		95
19) n-Nitroso-di-n-propyla...	8.769	70	56753	50.697	ng	#	94
20) 3+4-Methylphenols	8.734	107	78943	50.473	ng		97
22) Acetophenone	8.781	105	111924	48.734	ng	#	98
24) Nitrobenzene	9.163	77	90353	49.648	ng		97
25) Isophorone	9.686	82	163911	47.666	ng		99
26) 2-Nitrophenol	9.874	139	42360	49.128	ng		97
27) 2,4-Dimethylphenol	9.933	122	50747	51.049	ng		89
28) bis(2-Chloroethoxy)met...	10.168	93	81577	48.337	ng		96
29) 2,4-Dichlorophenol	10.409	162	77068	49.480	ng		96
30) 1,2,4-Trichlorobenzene	10.626	180	91215	48.603	ng		96
31) Naphthalene	10.808	128	229523	47.889	ng		99
32) Benzoic acid	10.085	122	60639	55.256	ng	#	84
33) 4-Chloroaniline	10.914	127	94992	49.696	ng		98
34) Hexachlorobutadiene	11.096	225	78512	48.756	ng		96
35) Caprolactam	11.695	113	26263	46.823	ng	#	90
36) 4-Chloro-3-methylphenol	12.042	107	89945	47.890	ng		93
37) 2-Methylnaphthalene	12.412	142	172663	48.075	ng		97
38) 1-Methylnaphthalene	12.635	142	172825	47.799	ng		95
40) 1,2,4,5-Tetrachloroben...	12.782	216	133784	49.118	ng		100
41) Hexachlorocyclopentadiene	12.765	237	55566	53.291	ng		98
43) 2,4,6-Trichlorophenol	13.023	196	87239	49.889	ng		99

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44)	2,4,5-Trichlorophenol	13.100	196	99126	50.087	ng		96
46)	1,1'-Biphenyl	13.423	154	256738	49.061	ng		96
47)	2-Chloronaphthalene	13.464	162	207423	49.500	ng		97
48)	2-Nitroaniline	13.664	65	77431	49.797	ng		98
49)	Acenaphthylene	14.310	152	317947	49.402	ng		98
50)	Dimethylphthalate	14.046	163	304352	48.280	ng		99
51)	2,6-Dinitrotoluene	14.163	165	66532	49.342	ng		97
52)	Acenaphthene	14.651	154	198138	49.351	ng		99
53)	3-Nitroaniline	14.492	138	59014	47.833	ng		93
54)	2,4-Dinitrophenol	14.698	184	47830	50.868	ng		98
55)	Dibenzofuran	14.986	168	334723	49.358	ng		98
56)	4-Nitrophenol	14.803	139	49363	49.508	ng		95
57)	2,4-Dinitrotoluene	14.950	165	99293	49.773	ng		92
58)	Fluorene	15.638	166	285054	48.576	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.215	232	99646	48.911	ng		98
60)	Diethylphthalate	15.409	149	303443	47.734	ng		98
61)	4-Chlorophenyl-phenyle...	15.632	204	172117	48.847	ng		97
62)	4-Nitroaniline	15.655	138	66244	49.506	ng		98
63)	Azobenzene	15.920	77	238133	48.122	ng		98
65)	4,6-Dinitro-2-methylph...	15.714	198	68034	51.874	ng		97
66)	n-Nitrosodiphenylamine	15.843	169	259101	49.429	ng		99
67)	4-Bromophenyl-phenylether	16.519	248	125143	50.256	ng		96
68)	Hexachlorobenzene	16.642	284	151574	48.906	ng		99
69)	Atrazine	16.795	200	103904	48.064	ng		97
70)	Pentachlorophenol	16.983	266	96689	50.780	ng		95
71)	Phenanthrene	17.377	178	474725	49.116	ng		99
72)	Anthracene	17.465	178	470821	48.819	ng		99
73)	Carbazole	17.735	167	407927	48.106	ng		98
74)	Di-n-butylphthalate	18.299	149	483993	48.000	ng		99
75)	Fluoranthene	19.386	202	638789	48.243	ng		100
77)	Benzidine	19.563	184	200548	50.580	ng		98
78)	Pyrene	19.745	202	656227	49.693	ng		99
80)	Butylbenzylphthalate	20.638	149	206224	49.334	ng		97
81)	Benzo(a)anthracene	21.572	228	665586	48.968	ng		99
82)	3,3'-Dichlorobenzidine	21.490	252	240334	49.133	ng		98
83)	Chrysene	21.637	228	620837	48.752	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.496	149	267773	49.056	ng	#	99
85)	Di-n-octyl phthalate	22.682	149	478951	49.733	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.288	276	783554	48.923	ng		99
88)	Benzo(b)fluoranthene	23.734	252	659918	48.866	ng		100
89)	Benzo(k)fluoranthene	23.805	252	625889	48.247	ng		99
90)	Benzo(a)pyrene	24.580	252	570733	48.509	ng		99
91)	Dibenzo(a,h)anthracene	28.352	278	646339	48.730	ng	#	98
92)	Benzo(g,h,i)perylene	29.410	276	643788	48.844	ng		97

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

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