Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
Data File : BG061060.D
Acq On : 30 Apr 2024 12:13
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 04:49:08 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 :
SSTDICC010

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	7.964	152	17677	20.000	ng		0.00
21) Naphthalene-d8	10.755	136	76628	20.000	ng	#	0.00
39) Acenaphthene-d10	14.585	164	72556	20.000	ng		0.00
64) Phenanthrene-d10	17.329	188	202493	20.000	ng		0.00
76) Chrysene-d12	21.589	240	218523	20.000	ng		0.00
86) Perylene-d12	24.721	264	247795	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.549	112	17482	20.113	ng		0.00
7) Phenol-d6	7.129	99	24436	19.004	ng		0.00
23) Nitrobenzene-d5	9.109	82	29902	19.344	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	28641	19.749	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	95158	19.394	ng		0.00
79) Terphenyl-d14	19.944	244	256067	19.489	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	4098	11.661	ng		84
3) Pyridine	3.857	79	10043	10.245	ng	#	81
4) n-Nitrosodimethylamine	3.769	42	10620	10.689	ng	#	89
6) Aniline	7.288	93	12543	9.840	ng		97
8) 2-Chlorophenol	7.529	128	10703	10.037	ng		90
9) Benzaldehyde	7.100	77	8806	10.119	ng		94
10) Phenol	7.159	94	12508	9.566	ng		90
11) bis(2-Chloroethyl)ether	7.382	93	8945	9.902	ng		96
12) 1,3-Dichlorobenzene	7.852	146	12598	10.021	ng		95
13) 1,4-Dichlorobenzene	7.999	146	12968	9.981	ng		93
14) 1,2-Dichlorobenzene	8.316	146	12316	9.825	ng		93
15) Benzyl Alcohol	8.199	79	10234	8.823	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.492	45	19518	9.957	ng		96
17) 2-Methylphenol	8.404	107	9198	9.871	ng		86
18) Hexachloroethane	9.039	117	5025	10.839	ng		98
19) n-Nitroso-di-n-propyla...	8.757	70	9345	9.712	ng		94
20) 3+4-Methylphenols	8.728	107	13507	10.047	ng		98
22) Acetophenone	8.780	105	18591	9.742	ng	#	90
24) Nitrobenzene	9.156	77	14445	9.552	ng		91
25) Isophorone	9.679	82	29286	10.249	ng		94
26) 2-Nitrophenol	9.867	139	7255	10.126	ng		96
27) 2,4-Dimethylphenol	9.932	122	8146	9.862	ng		93
28) bis(2-Chloroethoxy)met...	10.161	93	14033	10.007	ng		92
29) 2,4-Dichlorophenol	10.408	162	12393	9.576	ng		96
30) 1,2,4-Trichlorobenzene	10.619	180	14929	9.573	ng	#	78
31) Naphthalene	10.813	128	39052	9.806	ng		96
32) Benzoic acid	10.014	122	8595m	9.425	ng		
33) 4-Chloroaniline	10.913	127	15262	9.609	ng		96
34) Hexachlorobutadiene	11.095	225	13714	10.249	ng	#	90
35) Caprolactam	11.665	113	4896	10.505	ng	#	84
36) 4-Chloro-3-methylphenol	12.035	107	16020	10.265	ng		98
37) 2-Methylnaphthalene	12.411	142	30543	10.234	ng		90
38) 1-Methylnaphthalene	12.629	142	29611	9.856	ng		97
40) 1,2,4,5-Tetrachloroben...	12.782	216	22192	9.165	ng		98
41) Hexachlorocyclopentadiene	12.764	237	7687	8.293	ng		85
43) 2,4,6-Trichlorophenol	13.017	196	14634	9.414	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	17050	9.691	ng		96
46) 1,1'-Biphenyl	13.416	154	45129	9.701	ng		96
47) 2-Chloronaphthalene	13.463	162	35655	9.571	ng		95
48) 2-Nitroaniline	13.663	65	13437	9.720	ng		97
49) Acenaphthylene	14.303	152	54657	9.553	ng		97
50) Dimethylphthalate	14.039	163	55662	9.932	ng		96
51) 2,6-Dinitrotoluene	14.156	165	11822	9.862	ng		91
52) Acenaphthene	14.650	154	34006	9.527	ng		94
53) 3-Nitroaniline	14.485	138	11056	10.080	ng	#	72
54) 2,4-Dinitrophenol	14.697	184	6517	9.665	ng	#	87
55) Dibenzofuran	14.985	168	59896	9.935	ng		97
56) 4-Nitrophenol	14.803	139	8621	9.726	ng		90
57) 2,4-Dinitrotoluene	14.944	165	17814	10.045	ng	#	88
58) Fluorene	15.637	166	51742	9.918	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.208	232	17571	9.702	ng		98
60) Diethylphthalate	15.402	149	56613	10.018	ng		99
61) 4-Chlorophenyl-phenyle...	15.625	204	31971	10.206	ng		96
62) 4-Nitroaniline	15.643	138	11868	9.977	ng		99
63) Azobenzene	15.919	77	44163	10.039	ng		95
65) 4,6-Dinitro-2-methylph...	15.708	198	11322	9.012	ng		99
66) n-Nitrosodiphenylamine	15.843	169	48600	9.678	ng		97
67) 4-Bromophenyl-phenylether	16.518	248	22589	9.470	ng		91
68) Hexachlorobenzene	16.642	284	29053	9.785	ng		98
69) Atrazine	16.789	200	21134	10.205	ng		90
70) Pentachlorophenol	16.983	266	16519	9.056	ng	#	87
71) Phenanthrene	17.370	178	90760	9.803	ng		98
72) Anthracene	17.464	178	90072	9.749	ng		98
73) Carbazole	17.729	167	84263	10.373	ng		96
74) Di-n-butylphthalate	18.299	149	97220	10.065	ng		98
75) Fluoranthene	19.380	202	129943	10.244	ng		99
77) Benzidine	19.562	184	22714	7.944	ng		98
78) Pyrene	19.744	202	135143	9.728	ng		99
80) Butylbenzylphthalate	20.637	149	41395	9.413	ng		96
81) Benzo(a)anthracene	21.565	228	138157	9.662	ng		98
82) 3,3'-Dichlorobenzidine	21.483	252	49295	9.579	ng		99
83) Chrysene	21.630	228	131589	9.822	ng		98
84) Bis(2-ethylhexyl)phtha...	21.495	149	54286	9.453	ng		98
85) Di-n-octyl phthalate	22.676	149	93732	9.251	ng		97
87) Indeno(1,2,3-cd)pyrene	28.263	276	155614	9.476	ng	#	99
88) Benzo(b)fluoranthene	23.728	252	131563	9.501	ng		99
89) Benzo(k)fluoranthene	23.792	252	130486	9.810	ng		100
90) Benzo(a)pyrene	24.568	252	114201	9.467	ng	#	98
91) Dibenzo(a,h)anthracene	28.328	278	130212	9.575	ng		97
92) Benzo(g,h,i)perylene	29.374	276	131016	9.694	ng	#	98

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

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