Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
Data File : BG060589.D
Acq On : 7 Mar 2024 14:50
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 08 03:30:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 08 03:18:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	72797	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	311773	20.000	ng	0.00
39) Acenaphthene-d10	14.953	164	212635	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	469549	20.000	ng	0.00
76) Chrysene-d12	22.021	240	438907	20.000	ng	0.00
86) Perylene-d12	25.576	264	506329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	434525	98.925	ng	0.00
7) Phenol-d6	7.438	99	657445	99.132	ng	0.00
23) Nitrobenzene-d5	9.524	82	586267	107.750	ng	0.00
42) 2,4,6-Tribromophenol	16.434	330	274360	105.987	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	1527486	98.134	ng	0.00
79) Terphenyl-d14	20.282	244	2377117	95.656	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.649	88	92951	48.418	ng	96
3) Pyridine	4.072	79	291134	49.430	ng	96
4) n-Nitrosodimethylamine	3.995	42	146433	49.090	ng	99
6) Aniline	7.650	93	407236	49.592	ng	98
8) 2-Chlorophenol	7.873	128	244078	49.112	ng	99
9) Benzaldehyde	7.468	77	181164	48.219	ng	95
10) Phenol	7.468	94	326677	49.990	ng	97
11) bis(2-Chloroethyl)ether	7.744	93	256407	48.592	ng	99
12) 1,3-Dichlorobenzene	8.208	146	268270	48.941	ng	99
13) 1,4-Dichlorobenzene	8.361	146	268609	48.408	ng	99
14) 1,2-Dichlorobenzene	8.678	146	261495	48.375	ng	96
15) Benzyl Alcohol	8.566	79	261740	49.821	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.848	45	505513	48.523	ng	98
17) 2-Methylphenol	8.743	107	249339	48.832	ng	97
18) Hexachloroethane	9.413	117	91456	48.865	ng	91
19) n-Nitroso-di-n-propyla...	9.136	70	228215	49.216	ng	97
20) 3+4-Methylphenols	9.078	107	338481	49.568	ng	98
22) Acetophenone	9.172	105	436564	49.475	ng	98
24) Nitrobenzene	9.571	77	289853	52.092	ng	99
25) Isophorone	10.076	82	594086	49.006	ng	98
26) 2-Nitrophenol	10.276	139	100011	47.465	ng	90
27) 2,4-Dimethylphenol	10.294	122	254857	47.766	ng	100
28) bis(2-Chloroethoxy)met...	10.564	93	339656	48.318	ng	99
29) 2,4-Dichlorophenol	10.793	162	231485	49.435	ng	98
30) 1,2,4-Trichlorobenzene	11.017	180	249353	49.763	ng	94
31) Naphthalene	11.222	128	874854	49.943	ng	98
32) Benzoic acid	10.411	122	151463	49.808	ng	94
33) 4-Chloroaniline	11.340	127	382812	50.384	ng	98
34) Hexachlorobutadiene	11.451	225	174001	49.936	ng	96
35) Caprolactam	12.133	113	89109	51.752	ng	96
36) 4-Chloro-3-methylphenol	12.403	107	303376	50.458	ng	95
37) 2-Methylnaphthalene	12.803	142	602865	48.968	ng	100
38) 1-Methylnaphthalene	13.020	142	569539	48.681	ng	98
40) 1,2,4,5-Tetrachloroben...	13.143	216	315845	50.000	ng	99
41) Hexachlorocyclopentadiene	13.102	237	153147	51.605	ng	96
43) 2,4,6-Trichlorophenol	13.384	196	208026	51.045	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	250969	52.034	ng	99
46) 1,1'-Biphenyl	13.790	154	790843	49.970	ng	96
47) 2-Chloronaphthalene	13.843	162	599091	50.375	ng	98
48) 2-Nitroaniline	14.054	65	201717	50.987	ng	94
49) Acenaphthylene	14.683	152	998673	50.363	ng	99
50) Dimethylphthalate	14.401	163	814377	50.932	ng	99
51) 2,6-Dinitrotoluene	14.536	165	144265	50.572	ng	98
52) Acenaphthene	15.018	154	595862	50.109	ng	99
53) 3-Nitroaniline	14.877	138	173009	52.284	ng	93
54) 2,4-Dinitrophenol	15.065	184	60820	50.865	ng	96
55) Dibenzofuran	15.347	168	967182	50.122	ng	98
56) 4-Nitrophenol	15.135	139	135785	57.100	ng	98
57) 2,4-Dinitrotoluene	15.312	165	179739	50.710	ng	96
58) Fluorene	15.999	166	776031	49.690	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.552	232	218321m	53.972	ng	
60) Diethylphthalate	15.746	149	852039	50.733	ng	99
61) 4-Chlorophenyl-phenyle...	15.981	204	386452	49.424	ng	99
62) 4-Nitroaniline	16.034	138	184718	52.662	ng	95
63) Azobenzene	16.275	77	859631	50.036	ng	97
65) 4,6-Dinitro-2-methylph...	16.064	198	87258	48.184	ng	93
66) n-Nitrosodiphenylamine	16.199	169	724672	49.484	ng	98
67) 4-Bromophenyl-phenylether	16.880	248	260359	49.709	ng	97
68) Hexachlorobenzene	16.963	284	284198	49.337	ng	96
69) Atrazine	17.133	200	259445	51.111	ng	98
70) Pentachlorophenol	17.315	266	203209	54.587	ng	96
71) Phenanthrene	17.744	178	1256156	49.697	ng	99
72) Anthracene	17.838	178	1293739	50.094	ng	100
73) Carbazole	18.108	167	1136391	50.520	ng	99
74) Di-n-butylphthalate	18.625	149	1431133	50.982	ng	100
75) Fluoranthene	19.736	202	1475280	50.946	ng	100
77) Benzidine	19.924	184	642515	57.945	ng	99
78) Pyrene	20.100	202	1502033	48.715	ng	98
80) Butylbenzylphthalate	20.964	149	603828	51.018	ng	99
81) Benzo(a)anthracene	22.004	228	1512671	49.610	ng	100
82) 3,3'-Dichlorobenzidine	21.916	252	533867	51.304	ng	98
83) Chrysene	22.074	228	1456787	49.082	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	883260	50.516	ng	99
85) Di-n-octyl phthalate	23.185	149	1492966	51.205	ng	100
87) Indeno(1,2,3-cd)pyrene	29.706	276	1750356	50.518	ng	100
88) Benzo(b)fluoranthene	24.430	252	1405330	49.901	ng	97
89) Benzo(k)fluoranthene	24.512	252	1459104	49.320	ng	99
90) Benzo(a)pyrene	25.411	252	1382960	49.776	ng	99
91) Dibenzo(a,h)anthracene	29.806	278	1472024	50.487	ng	97
92) Benzo(g,h,i)perylene	31.017	276	1426528	50.172	ng	98

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

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