Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
Data File : BG060805.D
Acq On : 6 Apr 2024 10:38
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 06 11:14:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.958	152	54831	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	243683	20.000	ng		0.00
39) Acenaphthene-d10	14.585	164	198397	20.000	ng		0.00
64) Phenanthrene-d10	17.335	188	473742	20.000	ng		0.00
76) Chrysene-d12	21.600	240	428712	20.000	ng		0.00
86) Perylene-d12	24.738	264	501732	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.537	112	249659	75.852	ng		0.00
7) Phenol-d6	7.117	99	377022	77.169	ng		0.00
23) Nitrobenzene-d5	9.109	82	384527	90.042	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	234723	104.223	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	1070006	79.153	ng		0.00
79) Terphenyl-d14	19.955	244	1897067	77.918	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.463	88	47174	34.958	ng		99
3) Pyridine	3.845	79	150885	37.068	ng		94
4) n-Nitrosodimethylamine	3.763	42	96649	39.722	ng		94
6) Aniline	7.282	93	229768	37.241	ng		98
8) 2-Chlorophenol	7.523	128	145105	38.887	ng		97
9) Benzaldehyde	7.094	77	97944m	36.355	ng		
10) Phenol	7.147	94	189308	37.967	ng		96
11) bis(2-Chloroethyl)ether	7.382	93	147548	36.652	ng		97
12) 1,3-Dichlorobenzene	7.846	146	150205	38.708	ng		94
13) 1,4-Dichlorobenzene	7.993	146	152102	38.420	ng		97
14) 1,2-Dichlorobenzene	8.310	146	148785	38.350	ng		97
15) Benzyl Alcohol	8.187	79	160213	40.483	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.486	45	345356	38.014	ng		99
17) 2-Methylphenol	8.392	107	143657	38.165	ng		97
18) Hexachloroethane	9.039	117	54699	38.903	ng		89
19) n-Nitroso-di-n-propyla...	8.763	70	141043	37.856	ng		99
20) 3+4-Methylphenols	8.721	107	193809	37.600	ng		93
22) Acetophenone	8.774	105	251067	37.365	ng	#	98
24) Nitrobenzene	9.150	77	191213	40.674	ng		97
25) Isophorone	9.679	82	374074	38.030	ng		99
26) 2-Nitrophenol	9.861	139	81021	48.571	ng	#	85
27) 2,4-Dimethylphenol	9.926	122	151796	38.418	ng		98
28) bis(2-Chloroethoxy)met...	10.167	93	222426	38.302	ng		98
29) 2,4-Dichlorophenol	10.402	162	158492	43.682	ng		98
30) 1,2,4-Trichlorobenzene	10.619	180	170922	41.602	ng		97
31) Naphthalene	10.801	128	508398	38.568	ng		99
32) Benzoic acid	10.055	122	120518	46.151	ng		93
33) 4-Chloroaniline	10.907	127	236717	38.663	ng		98
34) Hexachlorobutadiene	11.095	225	120822	44.125	ng		98
35) Caprolactam	11.677	113	60098	41.820	ng		96
36) 4-Chloro-3-methylphenol	12.029	107	195355	42.147	ng		97
37) 2-Methylnaphthalene	12.411	142	390138	40.257	ng		100
38) 1-Methylnaphthalene	12.629	142	372159	40.650	ng		97
40) 1,2,4,5-Tetrachloroben...	12.776	216	243934	42.768	ng		98
41) Hexachlorocyclopentadiene	12.764	237	128249	44.221	ng		98
43) 2,4,6-Trichlorophenol	13.016	196	164286	44.732	ng		98

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44) 2,4,5-Trichlorophenol	13.087	196	196021	44.724	ng		96
46) 1,1'-Biphenyl	13.422	154	537056	38.324	ng		99
47) 2-Chloronaphthalene	13.463	162	413281	38.817	ng		100
48) 2-Nitroaniline	13.657	65	161556	46.982	ng		96
49) Acenaphthylene	14.309	152	689397	38.536	ng		99
50) Dimethylphthalate	14.045	163	614736	39.201	ng		98
51) 2,6-Dinitrotoluene	14.156	165	123580	44.305	ng		95
52) Acenaphthene	14.650	154	452678	40.302	ng		100
53) 3-Nitroaniline	14.485	138	130050	42.566	ng	#	97
54) 2,4-Dinitrophenol	14.685	184	66721	61.127	ng		92
55) Dibenzofuran	14.985	168	690654	38.982	ng		100
56) 4-Nitrophenol	14.791	139	104132	45.424	ng		96
57) 2,4-Dinitrotoluene	14.944	165	175391	48.038	ng	#	95
58) Fluorene	15.637	166	558951	39.309	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.208	232	182419	47.758	ng		95
60) Diethylphthalate	15.414	149	603458	38.250	ng		99
61) 4-Chlorophenyl-phenyle...	15.631	204	303897	40.397	ng		96
62) 4-Nitroaniline	15.649	138	132720	46.291	ng		96
63) Azobenzene	15.925	77	564284	36.705	ng		97
65) 4,6-Dinitro-2-methylph...	15.707	198	98461	50.016	ng		100
66) n-Nitrosodiphenylamine	15.843	169	526067	38.859	ng		98
67) 4-Bromophenyl-phenylether	16.524	248	213778	44.464	ng		97
68) Hexachlorobenzene	16.642	284	222847	41.059	ng		95
69) Atrazine	16.800	200	192453	40.652	ng		98
70) Pentachlorophenol	16.982	266	163646	46.209	ng		99
71) Phenanthrene	17.376	178	945243	38.365	ng		99
72) Anthracene	17.464	178	972931	38.883	ng		100
73) Carbazole	17.734	167	823370	37.322	ng		99
74) Di-n-butylphthalate	18.310	149	1023086	37.197	ng		99
75) Fluoranthene	19.385	202	1148106	38.402	ng		97
77) Benzidine	19.568	184	360076	31.896	ng		99
78) Pyrene	19.750	202	1170843	39.050	ng		99
80) Butylbenzylphthalate	20.655	149	439972	40.226	ng		97
81) Benzo(a)anthracene	21.583	228	1168265	38.659	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	418247	40.989	ng		96
83) Chrysene	21.642	228	1121257	38.495	ng		100
84) Bis(2-ethylhexyl)phtha...	21.518	149	664367	38.110	ng	#	97
85) Di-n-octyl phthalate	22.717	149	1142732	40.237	ng		100
87) Indeno(1,2,3-cd)pyrene	28.310	276	1360484	38.506	ng		97
88) Benzo(b)fluoranthene	23.751	252	1096807	38.051	ng		98
89) Benzo(k)fluoranthene	23.816	252	1129932	38.299	ng		99
90) Benzo(a)pyrene	24.597	252	1084323	38.710	ng		97
91) Dibenzo(a,h)anthracene	28.381	278	1139353	38.254	ng		97
92) Benzo(g,h,i)perylene	29.421	276	1107293	38.218	ng		97

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

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