Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
Data File : BG062590.D
Acq On : 28 Aug 2024 10:57
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 12:15:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

08/29/2024
Supervised By :mohammad ahmed

08/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	63983	20.000	ng		0.00
21) Naphthalene-d8	10.726	136	277717	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	202985	20.000	ng		0.00
64) Phenanthrene-d10	17.301	188	496209	20.000	ng		0.00
76) Chrysene-d12	21.549	240	484192	20.000	ng		0.00
86) Perylene-d12	24.627	264	555383	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.514	112	306104	85.824	ng		0.00
7) Phenol-d6	7.101	99	441050	86.816	ng		0.00
23) Nitrobenzene-d5	9.087	82	383589	91.667	ng		0.00
42) 2,4,6-Tribromophenol	16.043	330	193557	86.322	ng		0.00
45) 2-Fluorobiphenyl	13.182	172	1077684	87.299	ng		0.00
79) Terphenyl-d14	19.915	244	1938555	83.707	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	61263	36.058	ng		98
3) Pyridine	3.822	79	172000m	37.195	ng		
4) n-Nitrosodimethylamine	3.740	42	89567	36.367	ng		92
6) Aniline	7.259	93	204876	42.727	ng		97
8) 2-Chlorophenol	7.500	128	163675	42.595	ng		99
9) Benzaldehyde	7.071	77	137263m	42.799	ng		
10) Phenol	7.124	94	220717	41.862	ng		97
11) bis(2-Chloroethyl)ether	7.353	93	171788	40.068	ng		97
12) 1,3-Dichlorobenzene	7.823	146	180591	40.136	ng		98
13) 1,4-Dichlorobenzene	7.970	146	186358	40.647	ng		97
14) 1,2-Dichlorobenzene	8.288	146	181566	40.471	ng		97
15) Benzyl Alcohol	8.164	79	155227	43.888	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.458	45	334118	41.029	ng		98
17) 2-Methylphenol	8.370	107	153327	43.537	ng		98
18) Hexachloroethane	9.016	117	66720	43.616	ng		94
19) n-Nitroso-di-n-propyla...	8.734	70	165558	48.661	ng		97
20) 3+4-Methylphenols	8.699	107	223254	46.359	ng		97
22) Acetophenone	8.746	105	316171	45.622	ng	#	99
24) Nitrobenzene	9.128	77	210371	46.424	ng		100
25) Isophorone	9.651	82	450142	44.347	ng		98
26) 2-Nitrophenol	9.839	139	67103	43.759	ng		95
27) 2,4-Dimethylphenol	9.897	122	116501	43.917	ng		98
28) bis(2-Chloroethoxy)met...	10.133	93	248135	42.174	ng		100
29) 2,4-Dichlorophenol	10.373	162	165922	42.249	ng		96
30) 1,2,4-Trichlorobenzene	10.591	180	200079	41.704	ng		99
31) Naphthalene	10.779	128	572563	41.304	ng		99
32) Benzoic acid	10.033	122	93308	42.521	ng		98
33) 4-Chloroaniline	10.879	127	216076	42.909	ng		98
34) Hexachlorobutadiene	11.061	225	131475	42.006	ng		93
35) Caprolactam	11.648	113	51911	49.053	ng	#	89
36) 4-Chloro-3-methylphenol	12.007	107	191649	45.038	ng		99
37) 2-Methylnaphthalene	12.383	142	420372	45.008	ng		98
38) 1-Methylnaphthalene	12.600	142	415259	44.435	ng		99
40) 1,2,4,5-Tetrachloroben...	12.747	216	251280	43.464	ng		99
41) Hexachlorocyclopentadiene	12.729	237	64969	44.696	ng		96
43) 2,4,6-Trichlorophenol	12.988	196	150598	45.512	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	171597	44.003	ng		97
46) 1,1'-Biphenyl	13.388	154	588772	43.352	ng		99
47) 2-Chloronaphthalene	13.429	162	476104	43.921	ng		99
48) 2-Nitroaniline	13.634	65	98590	43.314	ng		93
49) Acenaphthylene	14.281	152	705465	42.690	ng		99
50) Dimethylphthalate	14.010	163	579148	43.908	ng		99
51) 2,6-Dinitrotoluene	14.128	165	100666	40.010	ng		97
52) Acenaphthene	14.621	154	427988	41.978	ng		96
53) 3-Nitroaniline	14.457	138	100290	45.794	ng		97
54) 2,4-Dinitrophenol	14.662	184	50456	42.041	ng		96
55) Dibenzofuran	14.956	168	726279	41.546	ng		100
56) 4-Nitrophenol	14.768	139	89178	43.096	ng		96
57) 2,4-Dinitrotoluene	14.915	165	134980	44.787	ng		97
58) Fluorene	15.603	166	557667	40.623	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.180	232	149343	42.069	ng		99
60) Diethylphthalate	15.373	149	561174	44.395	ng		99
61) 4-Chlorophenyl-phenyle...	15.597	204	301221	41.289	ng		98
62) 4-Nitroaniline	15.620	138	110530	45.479	ng		98
63) Azobenzene	15.890	77	598172	41.645	ng		98
65) 4,6-Dinitro-2-methylph...	15.679	198	73735	43.924	ng		98
66) n-Nitrosodiphenylamine	15.808	169	497875	41.309	ng		98
67) 4-Bromophenyl-phenylether	16.490	248	201212	42.127	ng		98
68) Hexachlorobenzene	16.607	284	232711	42.165	ng		96
69) Atrazine	16.760	200	131757	40.190	ng		99
70) Pentachlorophenol	16.954	266	143919	43.510	ng		94
71) Phenanthrene	17.342	178	983659	41.164	ng		100
72) Anthracene	17.430	178	969800	41.479	ng		99
73) Carbazole	17.700	167	899469	41.467	ng		98
74) Di-n-butylphthalate	18.264	149	874904	46.104	ng		99
75) Fluoranthene	19.351	202	1234257	41.259	ng		99
77) Benzidine	19.533	184	418967	53.525	ng		98
78) Pyrene	19.715	202	1298828	42.191	ng		100
80) Butylbenzylphthalate	20.608	149	312803	45.402	ng		99
81) Benzo(a)anthracene	21.531	228	1275257	41.354	ng		99
82) 3,3'-Dichlorobenzidine	21.449	252	383242	46.985	ng		98
83) Chrysene	21.596	228	1233272	40.872	ng		100
84) Bis(2-ethylhexyl)phtha...	21.449	149	487741	50.053	ng		99
85) Di-n-octyl phthalate	22.612	149	859668	46.724	ng		95
87) Indeno(1,2,3-cd)pyrene	28.106	276	1490822	42.567	ng	#	96
88) Benzo(b)fluoranthene	23.658	252	1292388	41.546	ng		99
89) Benzo(k)fluoranthene	23.722	252	1297942	42.054	ng		99
90) Benzo(a)pyrene	24.486	252	1151361	42.102	ng		99
91) Dibenzo(a,h)anthracene	28.170	278	1244303	42.991	ng		98
92) Benzo(g,h,i)perylene	29.193	276	1248500	42.431	ng		98

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

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