Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
Data File : BG058774.D
Acq On : 18 Aug 2023 13:24
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 21 01:32:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:23:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	32600	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	127536	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	89995	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	218502	20.000	ng	0.00
76) Chrysene-d12	21.449	240	187460	20.000	ng	0.00
86) Perylene-d12	24.522	264	237404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	163021	80.473	ng	0.00
7) Phenol-d6	6.984	99	230602	81.135	ng	0.00
23) Nitrobenzene-d5	8.976	82	219576	82.774	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	115963	82.179	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	484970	78.379	ng	0.00
79) Terphenyl-d14	19.828	244	823752	78.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.271	88	36169	37.393	ng	100
3) Pyridine	3.670	79	103247	40.881	ng	100
4) n-Nitrosodimethylamine	3.588	42	54084	39.527	ng	100
6) Aniline	7.137	93	140935	40.564	ng	100
8) 2-Chlorophenol	7.378	128	83572	40.801	ng	100
9) Benzaldehyde	6.949	77	61466	38.573	ng	100
10) Phenol	7.007	94	112497	41.047	ng	100
11) bis(2-Chloroethyl)ether	7.237	93	85701	40.075	ng	100
12) 1,3-Dichlorobenzene	7.701	146	85543	39.318	ng	100
13) 1,4-Dichlorobenzene	7.848	146	87267	39.665	ng	100
14) 1,2-Dichlorobenzene	8.165	146	84129	39.563	ng	100
15) Benzyl Alcohol	8.053	79	85426	42.038	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.341	45	181905	39.913	ng	100
17) 2-Methylphenol	8.259	107	82982	41.224	ng	100
18) Hexachloroethane	8.888	117	31663	39.500	ng	100
19) n-Nitroso-di-n-propyla...	8.617	70	74998	40.821	ng	100
20) 3+4-Methylphenols	8.588	107	113793	42.048	ng	100
22) Acetophenone	8.635	105	142693	41.332	ng	100
24) Nitrobenzene	9.017	77	109362	41.451	ng	100
25) Isophorone	9.540	82	217843	41.295	ng	100
26) 2-Nitrophenol	9.728	139	47707	43.235	ng	100
27) 2,4-Dimethylphenol	9.787	122	79598	42.564	ng	100
28) bis(2-Chloroethoxy)met...	10.022	93	115864	41.464	ng	100
29) 2,4-Dichlorophenol	10.262	162	82501	42.852	ng	100
30) 1,2,4-Trichlorobenzene	10.474	180	94030	40.521	ng	100
31) Naphthalene	10.662	128	273162	40.792	ng	100
32) Benzoic acid	9.963	122	46073m	40.928	ng	
33) 4-Chloroaniline	10.779	127	119441	42.292	ng	100
34) Hexachlorobutadiene	10.938	225	62957	40.198	ng	100
35) Caprolactam	11.567	113	29616	43.009	ng	100
36) 4-Chloro-3-methylphenol	11.908	107	101085	42.299	ng	100
37) 2-Methylnaphthalene	12.278	142	197743	41.115	ng	100
38) 1-Methylnaphthalene	12.495	142	185302	40.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.648	216	110215	39.725	ng	100
41) Hexachlorocyclopentadiene	12.618	237	37967	39.761	ng	100
43) 2,4,6-Trichlorophenol	12.889	196	75362	42.689	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	88575	41.899	ng	100
46) 1,1'-Biphenyl	13.288	154	248744	40.123	ng	100
47) 2-Chloronaphthalene	13.335	162	193814	40.116	ng	100
48) 2-Nitroaniline	13.547	65	76568	41.729	ng	100
49) Acenaphthylene	14.181	152	321014	40.067	ng	100
50) Dimethylphthalate	13.917	163	277324	39.799	ng	100
51) 2,6-Dinitrotoluene	14.046	165	61454	41.979	ng	100
52) Acenaphthene	14.522	154	186944	39.928	ng	100
53) 3-Nitroaniline	14.375	138	60042	42.525	ng	100
54) 2,4-Dinitrophenol	14.593	184	29329	39.646	ng	100
55) Dibenzofuran	14.857	168	322167	39.890	ng	100
56) 4-Nitrophenol	14.693	139	39748	41.268	ng	100
57) 2,4-Dinitrotoluene	14.834	165	86413	42.321	ng	100
58) Fluorene	15.509	166	254368	39.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	70792	41.036	ng	100
60) Diethylphthalate	15.280	149	289706	40.325	ng	100
61) 4-Chlorophenyl-phenyle...	15.497	204	143534	40.289	ng	100
62) 4-Nitroaniline	15.544	138	62483	43.607	ng	100
63) Azobenzene	15.791	77	266704	40.429	ng	100
65) 4,6-Dinitro-2-methylph...	15.603	198	51737	41.890	ng	100
66) n-Nitrosodiphenylamine	15.715	169	230307	40.895	ng	100
67) 4-Bromophenyl-phenylether	16.391	248	98233	40.969	ng	100
68) Hexachlorobenzene	16.514	284	103546	40.125	ng	100
69) Atrazine	16.667	200	73621	36.939	ng	100
70) Pentachlorophenol	16.861	266	58276	43.067	ng	100
71) Phenanthrene	17.248	178	417217	39.774	ng	100
72) Anthracene	17.342	178	427789	40.662	ng	100
73) Carbazole	17.613	167	389466	40.426	ng	100
74) Di-n-butylphthalate	18.165	149	491460	40.438	ng	100
75) Fluoranthene	19.264	202	518379	39.850	ng	100
77) Benzidine	19.452	184	143085	42.589	ng	100
78) Pyrene	19.628	202	523995	40.117	ng	100
80) Butylbenzylphthalate	20.515	149	220910	41.702	ng	100
81) Benzo(a)anthracene	21.432	228	531285	40.715	ng	100
82) 3,3'-Dichlorobenzidine	21.355	252	189326	42.025	ng	100
83) Chrysene	21.496	228	508256	40.409	ng	100
84) Bis(2-ethylhexyl)phtha...	21.332	149	323024	41.576	ng	100
85) Di-n-octyl phthalate	22.483	149	557402	41.711	ng	100
87) Indeno(1,2,3-cd)pyrene	28.030	276	645682	40.199	ng	100
88) Benzo(b)fluoranthene	23.547	252	540090	41.002	ng	100
89) Benzo(k)fluoranthene	23.611	252	539614	39.722	ng	100
90) Benzo(a)pyrene	24.381	252	530065	40.868	ng	100
91) Dibenzo(a,h)anthracene	28.077	278	535383	40.587	ng	100
92) Benzo(g,h,i)perylene	29.123	276	535208	40.493	ng	100

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

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