Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060064.D
Acq On : 18 Dec 2023 13:25
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 19 04:38:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.959	152	61825	20.000	ng		0.00
21) Naphthalene-d8	10.761	136	236263	20.000	ng	#	0.00
39) Acenaphthene-d10	14.598	164	194977	20.000	ng		0.00
64) Phenanthrene-d10	17.348	188	543249	20.000	ng	#	0.00
76) Chrysene-d12	21.619	240	612759	20.000	ng	#	0.00
86) Perylene-d12	24.815	264	714292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	271192	75.089	ng		0.00
7) Phenol-d6	7.113	99	383584	75.505	ng		0.00
23) Nitrobenzene-d5	9.122	82	409373	78.679	ng		0.00
42) 2,4,6-Tribromophenol	16.084	330	380398	83.717	ng		0.00
45) 2-Fluorobiphenyl	13.217	172	1341208	84.189	ng		0.00
79) Terphenyl-d14	19.968	244	2978435	88.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	70958	41.521	ng		91
3) Pyridine	3.840	79	215645	45.056	ng		93
4) n-Nitrosodimethylamine	3.752	42	106629	45.294	ng	#	70
6) Aniline	7.283	93	189168	36.558	ng		93
8) 2-Chlorophenol	7.518	128	134587	39.325	ng		96
9) Benzaldehyde	7.095	77	112879	36.542	ng		97
10) Phenol	7.142	94	191570	37.537	ng		93
11) bis(2-Chloroethyl)ether	7.377	93	127014	34.764	ng		95
12) 1,3-Dichlorobenzene	7.847	146	186652	40.784	ng		94
13) 1,4-Dichlorobenzene	7.994	146	190014	39.899	ng		96
14) 1,2-Dichlorobenzene	8.311	146	185688	40.527	ng		94
15) Benzyl Alcohol	8.194	79	163771	40.109	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.482	45	264366m	40.436	ng		
17) 2-Methylphenol	8.393	107	136816	40.210	ng		92
18) Hexachloroethane	9.046	117	57871	40.114	ng	#	80
19) n-Nitroso-di-n-propyla...	8.764	70	136535	41.656	ng		88
20) 3+4-Methylphenols	8.717	107	189203	39.811	ng		93
22) Acetophenone	8.781	105	268202	38.955	ng	#	96
24) Nitrobenzene	9.163	77	201800	38.202	ng		99
25) Isophorone	9.680	82	373496	37.506	ng	#	94
26) 2-Nitrophenol	9.874	139	87587	45.085	ng	#	87
27) 2,4-Dimethylphenol	9.927	122	107686	40.439	ng		98
28) bis(2-Chloroethoxy)met...	10.168	93	177707	34.563	ng		97
29) 2,4-Dichlorophenol	10.403	162	202477	42.335	ng		96
30) 1,2,4-Trichlorobenzene	10.626	180	276081	42.646	ng		99
31) Naphthalene	10.814	128	496682	40.383	ng		98
32) Benzoic acid	10.062	122	117295	48.423	ng		97
33) 4-Chloroaniline	10.914	127	189450	40.482	ng		96
34) Hexachlorobutadiene	11.096	225	257446	43.449	ng		92
35) Caprolactam	11.690	113	44856	36.920	ng		89
36) 4-Chloro-3-methylphenol	12.036	107	169990	39.080	ng		98
37) 2-Methylnaphthalene	12.424	142	386609	40.077	ng		96
38) 1-Methylnaphthalene	12.641	142	382346	40.125	ng		97
40) 1,2,4,5-Tetrachloroben...	12.788	216	424231	41.735	ng		100
41) Hexachlorocyclopentadiene	12.771	237	188370	44.852	ng		99
43) 2,4,6-Trichlorophenol	13.023	196	236873	41.562	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	255704	41.248	ng		99
46) 1,1'-Biphenyl	13.429	154	600763	41.547	ng		94
47) 2-Chloronaphthalene	13.476	162	503371	40.197	ng		98
48) 2-Nitroaniline	13.670	65	118858	43.969	ng		98
49) Acenaphthylene	14.322	152	683397	39.896	ng		97
50) Dimethylphthalate	14.051	163	594916	39.309	ng		100
51) 2,6-Dinitrotoluene	14.169	165	127471	40.660	ng		95
52) Acenaphthene	14.663	154	490029	41.558	ng		96
53) 3-Nitroaniline	14.498	138	99531	39.730	ng		95
54) 2,4-Dinitrophenol	14.698	184	109230	47.290	ng		95
55) Dibenzofuran	14.997	168	776003	40.434	ng		98
56) 4-Nitrophenol	14.792	139	78475	37.272	ng		92
57) 2,4-Dinitrotoluene	14.950	165	183484	41.634	ng		96
58) Fluorene	15.644	166	643584	39.768	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.215	232	257699	39.935	ng		98
60) Diethylphthalate	15.415	149	538458	38.668	ng		98
61) 4-Chlorophenyl-phenyle...	15.638	204	477266	40.948	ng		95
62) 4-Nitroaniline	15.661	138	103969	38.113	ng		87
63) Azobenzene	15.932	77	485077	35.331	ng		91
65) 4,6-Dinitro-2-methylph...	15.714	198	157408	46.213	ng		90
66) n-Nitrosodiphenylamine	15.849	169	565010	42.574	ng		98
67) 4-Bromophenyl-phenylether	16.537	248	333917	43.565	ng		95
68) Hexachlorobenzene	16.648	284	387511	43.247	ng		95
69) Atrazine	16.795	200	176966	37.482	ng		94
70) Pentachlorophenol	16.989	266	259814	44.759	ng		96
71) Phenanthrene	17.389	178	1091182	41.469	ng		97
72) Anthracene	17.477	178	1105983	41.803	ng		99
73) Carbazole	17.747	167	910187	40.485	ng		99
74) Di-n-butylphthalate	18.311	149	861059	41.984	ng		98
75) Fluoranthene	19.404	202	1530923	39.870	ng		98
77) Benzidine	19.586	184	458273	58.225	ng		99
78) Pyrene	19.762	202	1564796	42.127	ng		99
80) Butylbenzylphthalate	20.656	149	324107	48.584	ng		97
81) Benzo(a)anthracene	21.601	228	1707807	41.491	ng		99
82) 3,3'-Dichlorobenzidine	21.513	252	607976	44.888	ng		98
83) Chrysene	21.666	228	1606816	41.205	ng		98
84) Bis(2-ethylhexyl)phtha...	21.513	149	473834	46.861	ng		99
85) Di-n-octyl phthalate	22.718	149	797684	45.607	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.458	276	1933429	37.927	ng		99
88) Benzo(b)fluoranthene	23.799	252	1829995	41.483	ng		98
89) Benzo(k)fluoranthene	23.869	252	1765894	41.269	ng		99
90) Benzo(a)pyrene	24.663	252	1575455	40.309	ng		98
91) Dibenzo(a,h)anthracene	28.523	278	1643672	38.559	ng	#	97
92) Benzo(g,h,i)perylene	29.598	276	1578217	37.221	ng	#	97

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

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