Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
Data File : BG060899.D
Acq On : 15 Apr 2024 11:38
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 15 13:12:35 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

04/17/2024
Supervised By :mohammad ahmed

04/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.949	152	78872	20.000	ng		-0.01
21) Naphthalene-d8	10.746	136	322148	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	240743	20.000	ng		0.00
64) Phenanthrene-d10	17.333	188	576436	20.000	ng		0.00
76) Chrysene-d12	21.592	240	527514	20.000	ng		-0.01
86) Perylene-d12	24.730	264	630438	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.535	112	357356	75.479	ng		0.00
7) Phenol-d6	7.115	99	488694	69.537	ng		0.00
23) Nitrobenzene-d5	9.107	82	525383	93.060	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	284075	103.949	ng		0.00
45) 2-Fluorobiphenyl	13.208	172	1260917	76.869	ng		-0.01
79) Terphenyl-d14	19.953	244	2198219	73.376	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.461	88	63701	32.817	ng		97
3) Pyridine	3.848	79	208559	35.620	ng		89
4) n-Nitrosodimethylamine	3.766	42	129862	37.104	ng	#	93
6) Aniline	7.280	93	292238	32.929	ng		98
8) 2-Chlorophenol	7.515	128	190259	35.446	ng		97
9) Benzaldehyde	7.086	77	136483m	35.218	ng		
10) Phenol	7.144	94	248661	34.670	ng		96
11) bis(2-Chloroethyl)ether	7.374	93	186920	32.279	ng		97
12) 1,3-Dichlorobenzene	7.838	146	203651	36.485	ng		97
13) 1,4-Dichlorobenzene	7.985	146	210089	36.892	ng		98
14) 1,2-Dichlorobenzene	8.302	146	213204	38.203	ng		99
15) Benzyl Alcohol	8.184	79	211973	37.236	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.484	45	470244m	35.983	ng		
17) 2-Methylphenol	8.390	107	195467	36.101	ng		99
18) Hexachloroethane	9.031	117	77745	38.440	ng	#	87
19) n-Nitroso-di-n-propyla...	8.760	70	187671	35.017	ng	#	98
20) 3+4-Methylphenols	8.719	107	267972	36.142	ng		94
22) Acetophenone	8.766	105	341082	38.398	ng		96
24) Nitrobenzene	9.148	77	263621	42.299	ng		99
25) Isophorone	9.677	82	482168	37.080	ng		98
26) 2-Nitrophenol	9.859	139	114531	51.313	ng		93
27) 2,4-Dimethylphenol	9.924	122	195982	37.520	ng		98
28) bis(2-Chloroethoxy)met...	10.159	93	268884	35.025	ng		98
29) 2,4-Dichlorophenol	10.394	162	202955	42.312	ng		98
30) 1,2,4-Trichlorobenzene	10.611	180	222417	40.950	ng		98
31) Naphthalene	10.799	128	648560	37.217	ng		99
32) Benzoic acid	10.076	122	154683	45.006	ng		94
33) 4-Chloroaniline	10.899	127	293780	36.296	ng		97
34) Hexachlorobutadiene	11.087	225	158747	43.855	ng		97
35) Caprolactam	11.686	113	68290	35.946	ng		94
36) 4-Chloro-3-methylphenol	12.027	107	233640	38.129	ng		99
37) 2-Methylnaphthalene	12.409	142	469015	36.608	ng		99
38) 1-Methylnaphthalene	12.626	142	446591	36.899	ng		97
40) 1,2,4,5-Tetrachloroben...	12.773	216	298679	43.155	ng		98
41) Hexachlorocyclopentadiene	12.756	237	164405	46.716	ng		98
43) 2,4,6-Trichlorophenol	13.014	196	196199	44.025	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	232557	43.727	ng		97
46) 1,1'-Biphenyl	13.419	154	637404	37.484	ng		99
47) 2-Chloronaphthalene	13.461	162	491853	38.070	ng		99
48) 2-Nitroaniline	13.655	65	197440	47.267	ng		96
49) Acenaphthylene	14.307	152	803283	37.004	ng		99
50) Dimethylphthalate	14.042	163	701467	36.864	ng		99
51) 2,6-Dinitrotoluene	14.154	165	145931	43.209	ng		93
52) Acenaphthene	14.647	154	531364m	38.986	ng		
53) 3-Nitroaniline	14.483	138	152679	41.276	ng		97
54) 2,4-Dinitrophenol	14.689	184	78835	59.521	ng		91
55) Dibenzofuran	14.982	168	800573	37.238	ng		98
56) 4-Nitrophenol	14.794	139	120551	43.336	ng		93
57) 2,4-Dinitrotoluene	14.941	165	206129	46.691	ng		96
58) Fluorene	15.629	166	651918	37.783	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.206	232	210326	45.379	ng		96
60) Diethylphthalate	15.411	149	700343	36.583	ng		98
61) 4-Chlorophenyl-phenyle...	15.629	204	362577	39.720	ng		96
62) 4-Nitroaniline	15.646	138	164794	47.368	ng		96
63) Azobenzene	15.922	77	659826	35.370	ng		96
65) 4,6-Dinitro-2-methylph...	15.711	198	123584	51.372	ng		94
66) n-Nitrosodiphenylamine	15.840	169	607283	36.867	ng		99
67) 4-Bromophenyl-phenylether	16.522	248	253206	43.283	ng		97
68) Hexachlorobenzene	16.639	284	270246	40.922	ng		96
69) Atrazine	16.792	200	214687	37.270	ng		97
70) Pentachlorophenol	16.980	266	192283	44.623	ng		97
71) Phenanthrene	17.374	178	1098813	36.653	ng		100
72) Anthracene	17.462	178	1137030	37.346	ng		99
73) Carbazole	17.732	167	965617	35.972	ng		99
74) Di-n-butylphthalate	18.302	149	1162661	34.741	ng		99
75) Fluoranthene	19.383	202	1349134	37.086	ng		97
77) Benzidine	19.559	184	460073	33.121	ng		99
78) Pyrene	19.747	202	1385733	37.561	ng		99
80) Butylbenzylphthalate	20.646	149	517777	38.473	ng		96
81) Benzo(a)anthracene	21.575	228	1394138	37.493	ng		99
82) 3,3'-Dichlorobenzidine	21.492	252	506925	40.375	ng		99
83) Chrysene	21.639	228	1344729	37.520	ng		99
84) Bis(2-ethylhexyl)phtha...	21.504	149	743136	34.644	ng		96
85) Di-n-octyl phthalate	22.697	149	1293822	37.024	ng		100
87) Indeno(1,2,3-cd)pyrene	28.296	276	1633729	36.799	ng	#	96
88) Benzo(b)fluoranthene	23.743	252	1331449m	36.762	ng		
89) Benzo(k)fluoranthene	23.807	252	1348861	36.386	ng	#	98
90) Benzo(a)pyrene	24.589	252	1301829	36.987	ng		98
91) Dibenzo(a,h)anthracene	28.361	278	1373060	36.689	ng	#	95
92) Benzo(g,h,i)perylene	29.413	276	1321941	36.312	ng		97

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

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