Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
Data File : BG056457.D
Acq On : 27 Jan 2023 13:39
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 27 23:46:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 23:42:35 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	34897	20.000	ng	0.00
21) Naphthalene-d8	11.113	136	137697	20.000	ng	0.00
39) Acenaphthene-d10	14.903	164	117736	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	293720	20.000	ng	0.00
76) Chrysene-d12	21.930	240	274510	20.000	ng	0.00
86) Perylene-d12	25.355	264	304130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	152215	80.239	ng	0.00
7) Phenol-d6	7.423	99	228770	81.391	ng	0.00
23) Nitrobenzene-d5	9.456	82	196655	81.099	ng	0.00
42) 2,4,6-Tribromophenol	16.383	330	126617	80.894	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	676944	79.715	ng	0.00
79) Terphenyl-d14	20.214	244	1261916	80.740	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.598	88	31033	39.287	ng	100
3) Pyridine	4.021	79	96234	41.113	ng	100
4) n-Nitrosodimethylamine	3.933	42	20215	40.370	ng	100
6) Aniline	7.594	93	149713	40.683	ng	100
8) 2-Chlorophenol	7.840	128	83694	40.161	ng	100
9) Benzaldehyde	7.406	77	49909	36.197	ng	100
10) Phenol	7.453	94	114567	40.104	ng	100
11) bis(2-Chloroethyl)ether	7.682	93	79720	40.599	ng	100
12) 1,3-Dichlorobenzene	8.169	146	94503	39.386	ng	100
13) 1,4-Dichlorobenzene	8.316	146	95671	39.372	ng	100
14) 1,2-Dichlorobenzene	8.640	146	94607	40.129	ng	100
15) Benzyl Alcohol	8.516	79	80478	41.732	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.804	45	17159	41.242	ng	100
17) 2-Methylphenol	8.722	107	88541	40.740	ng	100
18) Hexachloroethane	9.380	117	29274	39.832	ng	100
19) n-Nitroso-di-n-propyla...	9.086	70	67061	41.401	ng	100
20) 3+4-Methylphenols	9.051	107	126292	41.465	ng	100
22) Acetophenone	9.110	105	149691	40.915	ng	100
24) Nitrobenzene	9.503	77	95366	40.772	ng	100
25) Isophorone	10.020	82	207371	41.453	ng	100
26) 2-Nitrophenol	10.214	139	59104	41.648	ng	100
27) 2,4-Dimethylphenol	10.267	122	98052	41.560	ng	100
28) bis(2-Chloroethoxy)met...	10.496	93	112763	40.803	ng	100
29) 2,4-Dichlorophenol	10.761	162	111607	41.747	ng	100
30) 1,2,4-Trichlorobenzene	10.972	180	122535	41.247	ng	100
31) Naphthalene	11.166	128	298010	41.005	ng	100
32) Benzoic acid	10.408	122	56235m	41.922	ng	
33) 4-Chloroaniline	11.266	127	142197	41.915	ng	100
34) Hexachlorobutadiene	11.436	225	85041	40.781	ng	100
35) Caprolactam	12.041	113	37714	41.829	ng	100
36) 4-Chloro-3-methylphenol	12.370	107	108249	41.928	ng	100
37) 2-Methylnaphthalene	12.746	142	247894	41.373	ng	100
38) 1-Methylnaphthalene	12.964	142	231256	41.327	ng	100
40) 1,2,4,5-Tetrachloroben...	13.111	216	172000	39.988	ng	100
41) Hexachlorocyclopentadiene	13.081	237	79831	41.757	ng	100
43) 2,4,6-Trichlorophenol	13.346	196	113999	41.127	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.422	196	130636	40.496	ng	100
46)	1,1'-Biphenyl	13.739	154	344203	40.306	ng	100
47)	2-Chloronaphthalene	13.786	162	267127	40.020	ng	100
48)	2-Nitroaniline	13.986	65	56785	41.153	ng	100
49)	Acenaphthylene	14.627	152	441322	40.638	ng	100
50)	Dimethylphthalate	14.345	163	382823	40.191	ng	100
51)	2,6-Dinitrotoluene	14.468	165	83130	40.020	ng	100
52)	Acenaphthene	14.967	154	260981	40.525	ng	100
53)	3-Nitroaniline	14.803	138	82661	41.047	ng	100
54)	2,4-Dinitrophenol	15.014	184	55663	42.744	ng	100
55)	Dibenzofuran	15.296	168	467546	40.482	ng	100
56)	4-Nitrophenol	15.103	139	57955	42.341	ng	100
57)	2,4-Dinitrotoluene	15.255	165	119870	40.968	ng	100
58)	Fluorene	15.943	166	372831	40.569	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.520	232	121495	42.105	ng	100
60)	Diethylphthalate	15.690	149	358798	40.115	ng	100
61)	4-Chlorophenyl-phenyle...	15.925	204	227031	40.485	ng	100
62)	4-Nitroaniline	15.960	138	82046	40.716	ng	100
63)	Azobenzene	16.219	77	249590	40.555	ng	100
65)	4,6-Dinitro-2-methylph...	16.019	198	87256	42.255	ng	100
66)	n-Nitrosodiphenylamine	16.137	169	340112	40.898	ng	100
67)	4-Bromophenyl-phenylether	16.818	248	155921	41.467	ng	100
68)	Hexachlorobenzene	16.947	284	151940	41.257	ng	100
69)	Atrazine	17.071	200	134867	42.038	ng	100
70)	Pentachlorophenol	17.288	266	94771	42.662	ng	100
71)	Phenanthrene	17.682	178	628508	40.884	ng	100
72)	Anthracene	17.776	178	647560	41.035	ng	100
73)	Carbazole	18.040	167	545624	40.596	ng	100
74)	Di-n-butylphthalate	18.563	149	570741	40.443	ng	100
75)	Fluoranthene	19.674	202	789639	40.698	ng	100
77)	Benzidine	19.844	184	302885	40.773	ng	100
78)	Pyrene	20.038	202	790939	40.512	ng	100
80)	Butylbenzylphthalate	20.890	149	242629	40.692	ng	100
81)	Benzo(a)anthracene	21.912	228	784716	40.889	ng	100
82)	3,3'-Dichlorobenzidine	21.812	252	281390	40.716	ng	100
83)	Chrysene	21.983	228	727912	40.372	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.771	149	346265	40.505	ng	100
85)	Di-n-octyl phthalate	23.040	149	582692	40.929	ng	100
87)	Indeno(1,2,3-cd)pyrene	29.304	276	905909	40.692	ng	100
88)	Benzo(b)fluoranthene	24.262	252	771698	40.880	ng	100
89)	Benzo(k)fluoranthene	24.339	252	772955	40.567	ng	100
90)	Benzo(a)pyrene	25.197	252	753953	40.546	ng	100
91)	Dibenzo(a,h)anthracene	29.368	278	757982	40.562	ng	100
92)	Benzo(g,h,i)perylene	30.555	276	735246	40.776	ng	100

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

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