Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
Data File : BG054494.D
Acq On : 3 Aug 2022 11:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 00:42:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
08/04/2022
Supervised By :Jagrut Upadhyay
08/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.982	152	16489	20.000	ng		0.00
21) Naphthalene-d8	10.791	136	62403	20.000	ng	#	0.00
39) Acenaphthene-d10	14.622	164	50328	20.000	ng		0.00
64) Phenanthrene-d10	17.371	188	134596	20.000	ng	#	0.00
76) Chrysene-d12	21.637	240	149353	20.000	ng	#	0.00
86) Perylene-d12	24.845	264	160409	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.562	112	65730	83.229	ng		0.00
7) Phenol-d6	7.177	99	89675	82.868	ng		0.00
23) Nitrobenzene-d5	9.146	82	92351	80.592	ng		0.00
42) 2,4,6-Tribromophenol	16.114	330	77352	73.201	ng		0.00
45) 2-Fluorobiphenyl	13.241	172	272714	76.442	ng		0.00
79) Terphenyl-d14	19.974	244	606470	80.555	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	12296	39.136	ng		97
3) Pyridine	3.811	79	34369	43.121	ng		94
4) n-Nitrosodimethylamine	3.728	42	19783	44.390	ng	#	78
6) Aniline	7.301	93	50268	40.243	ng		98
8) 2-Chlorophenol	7.553	128	37102	40.880	ng		90
9) Benzaldehyde	7.113	77	23574	43.227	ng		82
10) Phenol	7.207	94	44362	41.260	ng		95
11) bis(2-Chloroethyl)ether	7.395	93	31826	40.598	ng		92
12) 1,3-Dichlorobenzene	7.871	146	46447	42.003	ng		92
13) 1,4-Dichlorobenzene	8.018	146	46775	40.961	ng		97
14) 1,2-Dichlorobenzene	8.335	146	43877	40.745	ng		98
15) Benzyl Alcohol	8.223	79	36424	40.924	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.505	45	41817	42.355	ng		95
17) 2-Methylphenol	8.452	107	31880	41.138	ng		95
18) Hexachloroethane	9.063	117	15827	41.857	ng	#	56
19) n-Nitroso-di-n-propyla...	8.787	70	29172	40.369	ng	#	90
20) 3+4-Methylphenols	8.781	107	44496	40.751	ng		94
22) Acetophenone	8.805	105	58775	39.161	ng	#	96
24) Nitrobenzene	9.193	77	44448	39.689	ng	#	82
25) Isophorone	9.710	82	80393	40.339	ng	#	94
26) 2-Nitrophenol	9.904	139	22755	40.311	ng	#	89
27) 2,4-Dimethylphenol	9.980	122	31060	39.831	ng		94
28) bis(2-Chloroethoxy)met...	10.191	93	39804	39.600	ng	#	98
29) 2,4-Dichlorophenol	10.462	162	47029	39.955	ng		91
30) 1,2,4-Trichlorobenzene	10.656	180	58300	39.993	ng	#	94
31) Naphthalene	10.844	128	125986	40.219	ng		98
32) Benzoic acid	10.150	122	8553m	30.887	ng		
33) 4-Chloroaniline	10.955	127	50214	39.418	ng		94
34) Hexachlorobutadiene	11.120	225	51212	39.752	ng		93
35) Caprolactam	11.731	113	12073	40.736	ng	#	76
36) 4-Chloro-3-methylphenol	12.107	107	42850	40.016	ng		93
37) 2-Methylnaphthalene	12.448	142	93383	38.820	ng		96
38) 1-Methylnaphthalene	12.665	142	91817	39.171	ng		96
40) 1,2,4,5-Tetrachloroben...	12.818	216	84195	38.185	ng	#	95
41) Hexachlorocyclopentadiene	12.794	237	27239	42.495	ng		97
43) 2,4,6-Trichlorophenol	13.070	196	46448	38.688	ng		96

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44) 2,4,5-Trichlorophenol	13.164	196	48225	35.550	ng	#	89
46) 1,1'-Biphenyl	13.452	154	133067	38.647	ng		96
47) 2-Chloronaphthalene	13.499	162	111699	38.765	ng		95
48) 2-Nitroaniline	13.705	65	31473	41.852	ng		94
49) Acenaphthylene	14.345	152	166998	39.004	ng		97
50) Dimethylphthalate	14.069	163	152694	38.842	ng		99
51) 2,6-Dinitrotoluene	14.199	165	33866	39.276	ng	#	73
52) Acenaphthene	14.686	154	101015	38.962	ng		98
53) 3-Nitroaniline	14.533	138	29535	40.956	ng		89
54) 2,4-Dinitrophenol	14.757	184	17215	38.159	ng	#	76
55) Dibenzofuran	15.021	168	175132	37.963	ng		96
56) 4-Nitrophenol	14.898	139	17622	36.627	ng		94
57) 2,4-Dinitrotoluene	14.998	165	49335	39.912	ng	#	83
58) Fluorene	15.667	166	146531	38.633	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.262	232	44919	34.012	ng	#	86
60) Diethylphthalate	15.427	149	146723	38.906	ng		96
61) 4-Chlorophenyl-phenyle...	15.656	204	97030	38.972	ng	#	88
62) 4-Nitroaniline	15.697	138	30992	40.907	ng		89
63) Azobenzene	15.949	77	106171	38.964	ng		84
65) 4,6-Dinitro-2-methylph...	15.767	198	30217	36.338	ng		79
66) n-Nitrosodiphenylamine	15.873	169	131309	39.075	ng		96
67) 4-Bromophenyl-phenylether	16.549	248	72017	38.098	ng	#	89
68) Hexachlorobenzene	16.684	284	82943	38.369	ng	#	89
69) Atrazine	16.819	200	58594	39.183	ng		96
70) Pentachlorophenol	17.042	266	32304	36.606	ng		94
71) Phenanthrene	17.412	178	257945	38.483	ng		99
72) Anthracene	17.501	178	253542	38.546	ng		98
73) Carbazole	17.777	167	210368	38.847	ng		98
74) Di-n-butylphthalate	18.317	149	253621	39.687	ng		98
75) Fluoranthene	19.422	202	339587	37.166	ng		95
77) Benzidine	19.598	184	120061	44.387	ng		98
78) Pyrene	19.786	202	349295	40.759	ng		98
80) Butylbenzylphthalate	20.656	149	107612	40.295	ng	#	86
81) Benzo(a)anthracene	21.619	228	366239	38.629	ng		100
82) 3,3'-Dichlorobenzidine	21.525	252	116537	39.523	ng	#	97
83) Chrysene	21.684	228	346947	38.734	ng		99
84) Bis(2-ethylhexyl)phtha...	21.508	149	150378	39.794	ng	#	93
85) Di-n-octyl phthalate	22.700	149	256131	39.730	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.541	276	467016	38.270	ng	#	98
88) Benzo(b)fluoranthene	23.828	252	368764	38.873	ng	#	97
89) Benzo(k)fluoranthene	23.893	252	363040	38.453	ng	#	96
90) Benzo(a)pyrene	24.692	252	311913	38.501	ng	#	98
91) Dibenzo(a,h)anthracene	28.576	278	389174	38.784	ng	#	96
92) Benzo(g,h,i)perylene	29.680	276	381458	38.517	ng	#	92

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

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