Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
Data File : BG049947.D
Acq On : 24 Aug 2021 10:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/25/2021 3:33:55 PM

Quant Time: Aug 24 12:08:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.984	152	26421	20.000	ng		# 0.00
21) Naphthalene-d8	10.804	136	102394	20.000	ng		# 0.00
39) Acenaphthene-d10	14.640	164	73909	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	160075	20.000	ng		# 0.00
76) Chrysene-d12	21.671	240	137176	20.000	ng		0.00
86) Perylene-d12	24.902	264	134265	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	122376	83.029	ng		0.00
7) Phenol-d6	7.156	99	181368	81.292	ng		0.00
23) Nitrobenzene-d5	9.153	82	182826	79.011	ng		0.00
42) 2,4,6-Tribromophenol	16.138	330	90120	82.956	ng		0.00
45) 2-Fluorobiphenyl	13.259	172	404741	79.683	ng		0.00
79) Terphenyl-d14	20.003	244	646643	85.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	21037	32.662	ng		97
3) Pyridine	3.790	79	63116	35.750	ng		87
4) n-Nitrosodimethylamine	3.701	42	32737	34.484	ng	#	56
6) Aniline	7.302	93	96591	40.849	ng	#	92
8) 2-Chlorophenol	7.549	128	65504	40.763	ng		98
9) Benzaldehyde	7.114	77	53381	35.858	ng		89
10) Phenol	7.179	94	88818	41.085	ng		86
11) bis(2-Chloroethyl)ether	7.396	93	59690	40.894	ng		89
12) 1,3-Dichlorobenzene	7.866	146	75159	40.838	ng		91
13) 1,4-Dichlorobenzene	8.013	146	73587	39.501	ng		94
14) 1,2-Dichlorobenzene	8.336	146	70645	40.030	ng		94
15) Benzyl Alcohol	8.225	79	73723	39.346	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.507	45	60681	36.587	ng		91
17) 2-Methylphenol	8.436	107	59925	42.095	ng		97
18) Hexachloroethane	9.065	117	28474	39.761	ng		98
19) n-Nitroso-di-n-propyla...	8.789	70	60661	40.630	ng	#	86
20) 3+4-Methylphenols	8.771	107	83909	41.969	ng		96
22) Acetophenone	8.812	105	112696	40.511	ng	#	94
24) Nitrobenzene	9.194	77	95310	39.035	ng		92
25) Isophorone	9.717	82	163210	39.527	ng		98
26) 2-Nitrophenol	9.911	139	39877	42.795	ng		96
27) 2,4-Dimethylphenol	9.975	122	57911	42.049	ng		98
28) bis(2-Chloroethoxy)met...	10.199	93	76299	42.242	ng		95
29) 2,4-Dichlorophenol	10.457	162	71992	42.597	ng		97
30) 1,2,4-Trichlorobenzene	10.663	180	77924	41.875	ng		98
31) Naphthalene	10.851	128	217788	40.613	ng		97
32) Benzoic acid	10.134	122	28258	31.008	ng	#	86
33) 4-Chloroaniline	10.962	127	93033	43.944	ng		94
34) Hexachlorobutadiene	11.127	225	55927	41.358	ng		94
35) Caprolactam	11.744	113	22531	43.147	ng		92
36) 4-Chloro-3-methylphenol	12.102	107	84678	43.376	ng	#	93
37) 2-Methylnaphthalene	12.460	142	167788	41.535	ng		98
38) 1-Methylnaphthalene	12.683	142	157920	41.595	ng		94
40) 1,2,4,5-Tetrachloroben...	12.830	216	90738	41.667	ng		97
41) Hexachlorocyclopentadiene	12.807	237	20965	20.633	ng		83
43) 2,4,6-Trichlorophenol	13.077	196	61549	41.923	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.159	196	66283	41.616	ng		91
46)	1,1'-Biphenyl	13.471	154	212222	40.316	ng		96
47)	2-Chloronaphthalene	13.518	162	170809	40.626	ng		98
48)	2-Nitroaniline	13.723	65	58748	38.053	ng		90
49)	Acenaphthylene	14.364	152	266704	40.023	ng		97
50)	Dimethylphthalate	14.093	163	224010	40.172	ng	#	97
51)	2,6-Dinitrotoluene	14.217	165	50762	41.345	ng		87
52)	Acenaphthene	14.704	154	159610	39.761	ng		95
53)	3-Nitroaniline	14.551	138	49308	41.182	ng		96
54)	2,4-Dinitrophenol	14.775	184	25551	36.658	ng		88
55)	Dibenzofuran	15.039	168	261353	40.133	ng		98
56)	4-Nitrophenol	14.886	139	32175	36.783	ng		91
57)	2,4-Dinitrotoluene	15.016	165	74103	42.973	ng	#	94
58)	Fluorene	15.691	166	216727	40.945	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.274	232	60989m	41.228	ng		
60)	Diethylphthalate	15.450	149	228402	40.725	ng		94
61)	4-Chlorophenyl-phenyle...	15.679	204	114800	40.636	ng		97
62)	4-Nitroaniline	15.715	138	51137	41.520	ng		88
63)	Azobenzene	15.973	77	224669	37.848	ng		88
65)	4,6-Dinitro-2-methylph...	15.785	198	41897	40.719	ng		94
66)	n-Nitrosodiphenylamine	15.897	169	187660	41.490	ng		96
67)	4-Bromophenyl-phenylether	16.578	248	78815	41.806	ng		94
68)	Hexachlorobenzene	16.702	284	86322	41.213	ng		96
69)	Atrazine	16.843	200	78121	43.178	ng		93
70)	Pentachlorophenol	17.054	266	32807	29.211	ng		95
71)	Phenanthrene	17.436	178	344509	40.907	ng		98
72)	Anthracene	17.530	178	342669	41.430	ng		98
73)	Carbazole	17.800	167	324865	41.471	ng		96
74)	Di-n-butylphthalate	18.346	149	379719	41.582	ng		97
75)	Fluoranthene	19.451	202	412398	39.794	ng		97
77)	Benzidine	19.627	184	168265	47.874	ng		98
78)	Pyrene	19.815	202	406569	43.474	ng		97
80)	Butylbenzylphthalate	20.690	149	150182	42.166	ng		97
81)	Benzo(a)anthracene	21.654	228	361172	40.429	ng		98
82)	3,3'-Dichlorobenzidine	21.566	252	106546	40.848	ng		94
83)	Chrysene	21.718	228	345315	40.437	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.542	149	193062	38.294	ng		95
85)	Di-n-octyl phthalate	22.752	149	319003	37.455	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.621	276	388492	40.121	ng	#	94
88)	Benzo(b)fluoranthene	23.880	252	360781	40.971	ng		99
89)	Benzo(k)fluoranthene	23.945	252	328332	39.973	ng		99
90)	Benzo(a)pyrene	24.761	252	324953	40.776	ng	#	99
91)	Dibenzo(a,h)anthracene	28.674	278	333306	40.849	ng	#	96
92)	Benzo(g,h,i)perylene	29.790	276	323478	40.466	ng		100

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

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