Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048725.D
Acq On : 16 Apr 2021 14:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:18 AM

Quant Time: Apr 16 15:59:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.080	152	23609	20.00	ng		# 0.00
21) Naphthalene-d8	10.912	136	95545	20.00	ng		# 0.00
39) Acenaphthene-d10	14.743	164	64462	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	156371	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	145069	20.00	ng		# 0.00
86) Perylene-d12	25.142	264	141820	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.630	112	114135	80.86	ng		0.00
7) Phenol-d6	7.240	99	164207	82.24	ng		0.00
23) Nitrobenzene-d5	9.255	82	167039	78.27	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	69520	80.43	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	364402	81.64	ng		0.00
79) Terphenyl-d14	20.107	244	648312	76.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.491	88	23388	42.29	ng		89
3) Pyridine	3.897	79	57206	39.68	ng		89
4) n-Nitrosodimethylamine	3.809	42	42995	39.06	ng	#	96
6) Aniline	7.398	93	86616	38.65	ng	#	92
8) 2-Chlorophenol	7.645	128	59624	39.82	ng		95
9) Benzaldehyde	7.210	77	49682	37.55	ng		87
10) Phenol	7.269	94	77622	39.54	ng		96
11) bis(2-Chloroethyl)ether	7.492	93	54696	41.34	ng		98
12) 1,3-Dichlorobenzene	7.968	146	69012	40.08	ng		97
13) 1,4-Dichlorobenzene	8.121	146	69998	39.89	ng		92
14) 1,2-Dichlorobenzene	8.438	146	66302	40.95	ng		96
15) Benzyl Alcohol	8.321	79	70572	40.11	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.609	45	54909	38.28	ng		95
17) 2-Methylphenol	8.527	107	52524	41.90	ng		93
18) Hexachloroethane	9.173	117	27447	39.82	ng		97
19) n-Nitroso-di-n-propyla...	8.891	70	54615	40.54	ng	#	94
20) 3+4-Methylphenols	8.861	107	70365	40.69	ng		89
22) Acetophenone	8.908	105	98385	39.56	ng	#	93
24) Nitrobenzene	9.296	77	86262	40.52	ng		98
25) Isophorone	9.819	82	146560	38.84	ng		95
26) 2-Nitrophenol	10.013	139	37158	40.33	ng		90
27) 2,4-Dimethylphenol	10.072	122	56057	39.58	ng		92
28) bis(2-Chloroethoxy)met...	10.307	93	65480	39.82	ng		93
29) 2,4-Dichlorophenol	10.554	162	64051	40.10	ng		94
30) 1,2,4-Trichlorobenzene	10.771	180	72155	38.95	ng		99
31) Naphthalene	10.959	128	192022	39.17	ng		98
32) Benzoic acid	10.230	122	23398m	28.19	ng		
33) 4-Chloroaniline	11.065	127	81900	40.15	ng		95
34) Hexachlorobutadiene	11.235	225	55572	40.41	ng		96
35) Caprolactam	11.846	113	20815	38.35	ng	#	75
36) 4-Chloro-3-methylphenol	12.193	107	71621	39.59	ng	#	96
37) 2-Methylnaphthalene	12.569	142	152808	39.00	ng		97
38) 1-Methylnaphthalene	12.786	142	141896	38.93	ng		99
40) 1,2,4,5-Tetrachloroben...	12.933	216	85593	40.79	ng		96
41) Hexachlorocyclopentadiene	12.910	237	51952	47.93	ng		89
43) 2,4,6-Trichlorophenol	13.168	196	55838	39.88	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	58252	39.17	ng	#	94
46) 1,1'-Biphenyl	13.568	154	197237	41.42	ng		99
47) 2-Chloronaphthalene	13.615	162	150532	41.39	ng		99
48) 2-Nitroaniline	13.820	65	55335	42.34	ng		99
49) Acenaphthylene	14.467	152	228591	40.28	ng		95
50) Dimethylphthalate	14.185	163	194193	40.16	ng		99
51) 2,6-Dinitrotoluene	14.314	165	44463	39.86	ng		94
52) Acenaphthene	14.807	154	148447	41.20	ng		99
53) 3-Nitroaniline	14.643	138	44083	41.16	ng		93
54) 2,4-Dinitrophenol	14.854	184	19838	32.95	ng		97
55) Dibenzofuran	15.136	168	240147	40.26	ng		98
56) 4-Nitrophenol	14.960	139	31466	39.66	ng		96
57) 2,4-Dinitrotoluene	15.101	165	66238	40.89	ng		96
58) Fluorene	15.789	166	198013	40.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.366	232	50700	36.85	ng		94
60) Diethylphthalate	15.548	149	200549	40.09	ng		98
61) 4-Chlorophenyl-phenyle...	15.777	204	110867	41.15	ng		94
62) 4-Nitroaniline	15.812	138	46470	40.59	ng		94
63) Azobenzene	16.071	77	205374	40.77	ng		91
65) 4,6-Dinitro-2-methylph...	15.865	198	41083	39.24	ng		92
66) n-Nitrosodiphenylamine	15.994	169	179934	40.71	ng		93
67) 4-Bromophenyl-phenylether	16.676	248	71755	39.87	ng		97
68) Hexachlorobenzene	16.793	284	76192	41.80	ng		96
69) Atrazine	16.940	200	75186	40.91	ng		99
70) Pentachlorophenol	17.146	266	36036	37.10	ng		94
71) Phenanthrene	17.539	178	327665	40.37	ng		97
72) Anthracene	17.628	178	322265	40.13	ng		99
73) Carbazole	17.904	167	305913	39.77	ng		99
74) Di-n-butylphthalate	18.450	149	350863	40.69	ng		97
75) Fluoranthene	19.555	202	397783	38.76	ng		98
77) Benzidine	19.731	184	188797	47.92	ng		99
78) Pyrene	19.913	202	403373	40.19	ng		99
80) Butylbenzylphthalate	20.794	149	149867	38.19	ng		99
81) Benzo(a)anthracene	21.782	228	380627	38.40	ng		95
82) 3,3'-Dichlorobenzidine	21.688	252	125265	36.85	ng		95
83) Chrysene	21.846	228	353930	37.48	ng		99
84) Bis(2-ethylhexyl)phtha...	21.670	149	208177	37.89	ng		99
85) Di-n-octyl phthalate	22.921	149	349530	37.37	ng		99
87) Indeno(1,2,3-cd)pyrene	28.985	276	399588	38.36	ng		98
88) Benzo(b)fluoranthene	24.079	252	388353	40.36	ng		93
89) Benzo(k)fluoranthene	24.149	252	353235	39.04	ng		100
90) Benzo(a)pyrene	24.984	252	348929	39.37	ng		99
91) Dibenzo(a,h)anthracene	29.049	278	349228	39.09	ng		96
92) Benzo(g,h,i)perylene	30.189	276	337233	38.24	ng		99

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

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