Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
Data File : BG048888.D
Acq On : 27 Apr 2021 15:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/28/2021 10:59:29 AM

Quant Time: Apr 27 16:50:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:50:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.022	152	24635	20.00	ng		0.00
21) Naphthalene-d8	10.842	136	107713	20.00	ng		# 0.00
39) Acenaphthene-d10	14.667	164	75012	20.00	ng		0.00
64) Phenanthrene-d10	17.417	188	182610	20.00	ng		0.00
76) Chrysene-d12	21.700	240	169838	20.00	ng		# 0.00
86) Perylene-d12	24.955	264	164625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.578	112	120637	81.90	ng		0.00
7) Phenol-d6	7.194	99	181409	87.07	ng		0.00
23) Nitrobenzene-d5	9.191	82	194447	80.82	ng		0.00
42) 2,4,6-Tribromophenol	16.165	330	78265	77.82	ng		0.00
45) 2-Fluorobiphenyl	13.286	172	431645	83.10	ng		0.00
79) Terphenyl-d14	20.026	244	769370	77.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.427	88	22240	38.54	ng		99
3) Pyridine	3.833	79	61263	40.72	ng		91
4) n-Nitrosodimethylamine	3.745	42	45918	39.98	ng	#	99
6) Aniline	7.346	93	103947	44.45	ng		96
8) 2-Chlorophenol	7.587	128	69514	44.49	ng		97
9) Benzaldehyde	7.158	77	54552	39.52	ng	#	88
10) Phenol	7.217	94	94198	45.98	ng		93
11) bis(2-Chloroethyl)ether	7.434	93	61005	44.18	ng		98
12) 1,3-Dichlorobenzene	7.910	146	75747	42.16	ng		95
13) 1,4-Dichlorobenzene	8.057	146	78384	42.81	ng		94
14) 1,2-Dichlorobenzene	8.380	146	75029	44.41	ng		96
15) Benzyl Alcohol	8.263	79	81211	44.24	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.545	45	65484	43.75	ng		96
17) 2-Methylphenol	8.474	107	59972	45.85	ng		94
18) Hexachloroethane	9.109	117	29073	40.43	ng		94
19) n-Nitroso-di-n-propyla...	8.833	70	63511	45.18	ng		95
20) 3+4-Methylphenols	8.803	107	81863	45.36	ng		95
22) Acetophenone	8.850	105	112578	40.15	ng	#	99
24) Nitrobenzene	9.238	77	98647	41.11	ng		96
25) Isophorone	9.755	82	180530	42.43	ng		96
26) 2-Nitrophenol	9.949	139	44896	43.22	ng		93
27) 2,4-Dimethylphenol	10.008	122	64226	40.22	ng		90
28) bis(2-Chloroethoxy)met...	10.237	93	80099	43.21	ng	#	88
29) 2,4-Dichlorophenol	10.490	162	73946	41.06	ng		96
30) 1,2,4-Trichlorobenzene	10.701	180	82651	39.58	ng		98
31) Naphthalene	10.895	128	229367	41.50	ng		99
32) Benzoic acid	10.237	122	13953m	14.91	ng		
33) 4-Chloroaniline	11.001	127	100216	43.58	ng	#	93
34) Hexachlorobutadiene	11.171	225	60753	39.19	ng		94
35) Caprolactam	11.782	113	26292	42.97	ng		90
36) 4-Chloro-3-methylphenol	12.135	107	83354	40.87	ng		95
37) 2-Methylnaphthalene	12.499	142	179871	40.73	ng		97
38) 1-Methylnaphthalene	12.716	142	168571	41.02	ng		100
40) 1,2,4,5-Tetrachloroben...	12.863	216	100665	41.23	ng		98
41) Hexachlorocyclopentadiene	12.840	237	51023	41.37	ng		95
43) 2,4,6-Trichlorophenol	13.104	196	61412	37.69	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.186	196	69096	39.93	ng		91
46) 1,1'-Biphenyl	13.498	154	229876	41.49	ng		98
47) 2-Chloronaphthalene	13.551	162	182125	43.03	ng		95
48) 2-Nitroaniline	13.751	65	65093	42.80	ng		93
49) Acenaphthylene	14.391	152	279226	42.29	ng		95
50) Dimethylphthalate	14.121	163	242440	43.09	ng		98
51) 2,6-Dinitrotoluene	14.244	165	54243	41.79	ng		92
52) Acenaphthene	14.732	154	179023	42.69	ng		97
53) 3-Nitroaniline	14.579	138	52975	42.51	ng		89
54) 2,4-Dinitrophenol	14.790	184	35978	48.40	ng		98
55) Dibenzofuran	15.067	168	292026	42.07	ng		100
56) 4-Nitrophenol	14.902	139	33960	36.78	ng		98
57) 2,4-Dinitrotoluene	15.037	165	82861	43.95	ng	#	94
58) Fluorene	15.719	166	245739	43.11	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.296	232	55658	34.76	ng		99
60) Diethylphthalate	15.478	149	250440	43.02	ng		100
61) 4-Chlorophenyl-phenyle...	15.701	204	133653	42.63	ng		96
62) 4-Nitroaniline	15.742	138	58962	44.25	ng		89
63) Azobenzene	15.995	77	243689	41.57	ng		92
65) 4,6-Dinitro-2-methylph...	15.801	198	51355	42.01	ng		95
66) n-Nitrosodiphenylamine	15.919	169	217600	42.16	ng		98
67) 4-Bromophenyl-phenylether	16.600	248	86263	41.04	ng		95
68) Hexachlorobenzene	16.724	284	89043	41.83	ng		98
69) Atrazine	16.865	200	84393	39.32	ng		97
70) Pentachlorophenol	17.076	266	39231	34.58	ng		93
71) Phenanthrene	17.464	178	394017	41.57	ng		96
72) Anthracene	17.552	178	391775	41.77	ng		99
73) Carbazole	17.822	167	369136	41.09	ng		98
74) Di-n-butylphthalate	18.369	149	425639	42.26	ng		98
75) Fluoranthene	19.473	202	493553	41.18	ng		100
77) Benzidine	19.649	184	176512	38.27	ng		98
78) Pyrene	19.837	202	484800	41.26	ng		99
80) Butylbenzylphthalate	20.707	149	184591	40.17	ng		97
81) Benzo(a)anthracene	21.677	228	464974	40.06	ng		98
82) 3,3'-Dichlorobenzidine	21.588	252	157739	39.63	ng		97
83) Chrysene	21.747	228	443672	40.13	ng		99
84) Bis(2-ethylhexyl)phtha...	21.565	149	259788	40.39	ng		99
85) Di-n-octyl phthalate	22.781	149	441185	40.29	ng		99
87) Indeno(1,2,3-cd)pyrene	28.704	276	502145	41.53	ng	#	97
88) Benzo(b)fluoranthene	23.915	252	470115	42.09	ng	#	97
89) Benzo(k)fluoranthene	23.991	252	443091	42.19	ng	#	97
90) Benzo(a)pyrene	24.802	252	434933	42.27	ng		97
91) Dibenzo(a,h)anthracene	28.762	278	429269	41.39	ng	#	98
92) Benzo(g,h,i)perylene	29.885	276	419257	40.95	ng		100

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

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