Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048743.D
Acq On : 17 Apr 2021 5:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:27 AM

Quant Time: Apr 17 08:17:25 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	21209	20.00	ng		0.00
21) Naphthalene-d8	10.906	136	84316	20.00	ng		# 0.00
39) Acenaphthene-d10	14.736	164	59934	20.00	ng		0.00
64) Phenanthrene-d10	17.492	188	152613	20.00	ng		# 0.00
76) Chrysene-d12	21.793	240	140501	20.00	ng		0.00
86) Perylene-d12	25.130	264	144126	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.629	112	102952	81.19	ng		0.00
7) Phenol-d6	7.239	99	144733	80.69	ng		0.00
23) Nitrobenzene-d5	9.255	82	155872	82.77	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	66541	82.80	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	337038	81.21	ng		0.00
79) Terphenyl-d14	20.107	244	640517	78.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.479	88	16621	33.45	ng	#	91
3) Pyridine	3.890	79	49419	38.16	ng		95
4) n-Nitrosodimethylamine	3.802	42	40799m	41.26	ng		
6) Aniline	7.398	93	79893	39.68	ng		98
8) 2-Chlorophenol	7.645	128	54493	40.51	ng		96
9) Benzaldehyde	7.210	77	42502	35.76	ng	#	82
10) Phenol	7.269	94	72726	41.23	ng		99
11) bis(2-Chloroethyl)ether	7.492	93	47099	39.62	ng		88
12) 1,3-Dichlorobenzene	7.968	146	62896	40.66	ng		99
13) 1,4-Dichlorobenzene	8.115	146	62195	39.46	ng		96
14) 1,2-Dichlorobenzene	8.438	146	57656	39.64	ng		97
15) Benzyl Alcohol	8.315	79	63310	40.06	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.608	45	53208	41.29	ng		93
17) 2-Methylphenol	8.526	107	46715	41.49	ng		91
18) Hexachloroethane	9.172	117	25174	40.66	ng		97
19) n-Nitroso-di-n-propyla...	8.884	70	51185	42.30	ng		95
20) 3+4-Methylphenols	8.855	107	66377	42.72	ng		92
22) Acetophenone	8.908	105	87540	39.89	ng	#	95
24) Nitrobenzene	9.296	77	74908	39.88	ng	#	90
25) Isophorone	9.819	82	134190	40.29	ng	#	94
26) 2-Nitrophenol	10.007	139	34163	42.02	ng		90
27) 2,4-Dimethylphenol	10.071	122	51837	41.47	ng		91
28) bis(2-Chloroethoxy)met...	10.300	93	56850	39.18	ng		95
29) 2,4-Dichlorophenol	10.559	162	60728	43.08	ng		96
30) 1,2,4-Trichlorobenzene	10.765	180	63978	39.14	ng		94
31) Naphthalene	10.959	128	176210	40.73	ng		96
32) Benzoic acid	10.236	122	23229	31.72	ng	#	81
33) 4-Chloroaniline	11.064	127	75130	41.73	ng	#	93
34) Hexachlorobutadiene	11.235	225	45414	37.42	ng		96
35) Caprolactam	11.852	113	20007	41.77	ng		90
36) 4-Chloro-3-methylphenol	12.192	107	69205	43.35	ng	#	95
37) 2-Methylnaphthalene	12.568	142	138769	40.14	ng		98
38) 1-Methylnaphthalene	12.780	142	131250	40.80	ng		97
40) 1,2,4,5-Tetrachloroben...	12.927	216	79310	40.66	ng		99
41) Hexachlorocyclopentadiene	12.909	237	45483	45.48	ng		93
43) 2,4,6-Trichlorophenol	13.174	196	52715m	40.49	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	58882	42.59	ng		92
46) 1,1'-Biphenyl	13.567	154	181966	41.10	ng		98
47) 2-Chloronaphthalene	13.614	162	137336	40.61	ng		97
48) 2-Nitroaniline	13.820	65	53727	44.21	ng		91
49) Acenaphthylene	14.460	152	217246	41.18	ng		98
50) Dimethylphthalate	14.184	163	187096	41.62	ng		99
51) 2,6-Dinitrotoluene	14.313	165	44403	42.81	ng		89
52) Acenaphthene	14.801	154	139495	41.64	ng		100
53) 3-Nitroaniline	14.648	138	43297	43.48	ng		88
54) 2,4-Dinitrophenol	14.854	184	17320	31.26	ng		92
55) Dibenzofuran	15.136	168	233530	42.11	ng		96
56) 4-Nitrophenol	14.966	139	30759	41.70	ng		99
57) 2,4-Dinitrotoluene	15.101	165	65472	43.47	ng		97
58) Fluorene	15.788	166	195458	42.91	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	53654	41.94	ng	#	99
60) Diethylphthalate	15.547	149	195828	42.10	ng		98
61) 4-Chlorophenyl-phenyle...	15.776	204	107957	43.10	ng		97
62) 4-Nitroaniline	15.812	138	46928	44.08	ng		90
63) Azobenzene	16.070	77	200378	42.78	ng		94
65) 4,6-Dinitro-2-methylph...	15.865	198	38088	37.28	ng		91
66) n-Nitrosodiphenylamine	15.994	169	177897	41.24	ng		95
67) 4-Bromophenyl-phenylether	16.675	248	71544	40.73	ng		93
68) Hexachlorobenzene	16.793	284	73871	41.52	ng	#	89
69) Atrazine	16.940	200	73530	40.99	ng		98
70) Pentachlorophenol	17.145	266	30829m	32.52	ng		
71) Phenanthrene	17.539	178	317344	40.06	ng		97
72) Anthracene	17.627	178	317631	40.53	ng		99
73) Carbazole	17.897	167	297600	39.64	ng		99
74) Di-n-butylphthalate	18.444	149	343993	40.87	ng		99
75) Fluoranthene	19.548	202	394645	39.40	ng		99
77) Benzidine	19.725	184	160965	42.19	ng		98
78) Pyrene	19.913	202	389760	40.10	ng		99
80) Butylbenzylphthalate	20.788	149	151871	39.96	ng		97
81) Benzo(a)anthracene	21.775	228	375931	39.15	ng		96
82) 3,3'-Dichlorobenzidine	21.687	252	126190	38.33	ng		99
83) Chrysene	21.846	228	353368	38.64	ng		97
84) Bis(2-ethylhexyl)phtha...	21.664	149	209703	39.41	ng		99
85) Di-n-octyl phthalate	22.915	149	352147	38.87	ng		99
87) Indeno(1,2,3-cd)pyrene	28.979	276	403498	38.12	ng		93
88) Benzo(b)fluoranthene	24.073	252	387479	39.63	ng		98
89) Benzo(k)fluoranthene	24.143	252	357263	38.85	ng		99
90) Benzo(a)pyrene	24.977	252	349707	38.82	ng		98
91) Dibenzo(a,h)anthracene	29.037	278	344449	37.94	ng	#	94
92) Benzo(g,h,i)perylene	30.183	276	339035	37.83	ng		98

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

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