Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049418.D
Acq On : 22 Jul 2021 23:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/23/2021 11:50:52 AM

Quant Time: Jul 23 04:33:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 04:31:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	27774	20.00	ng		0.00
21) Naphthalene-d8	10.868	136	108181	20.00	ng		# 0.00
39) Acenaphthene-d10	14.698	164	75652	20.00	ng		0.00
64) Phenanthrene-d10	17.447	188	159215	20.00	ng		# 0.00
76) Chrysene-d12	21.736	240	164775	20.00	ng		0.00
86) Perylene-d12	25.008	264	181962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	132621	81.01	ng		0.00
7) Phenol-d6	7.208	99	196543	82.44	ng		0.00
23) Nitrobenzene-d5	9.223	82	202074	83.69	ng		0.00
42) 2,4,6-Tribromophenol	16.190	330	82442	81.37	ng		0.00
45) 2-Fluorobiphenyl	13.318	172	397988	75.70	ng		0.00
79) Terphenyl-d14	20.061	244	661949	78.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.472	88	30512	41.14	ng		94
3) Pyridine	3.883	79	82530	43.67	ng		87
4) n-Nitrosodimethylamine	3.795	42	43000	46.33	ng	#	74
6) Aniline	7.373	93	104686	40.60	ng	#	95
8) 2-Chlorophenol	7.614	128	71467	42.57	ng		96
9) Benzaldehyde	7.179	77	66276	41.85	ng		92
10) Phenol	7.232	94	95655	42.12	ng		93
11) bis(2-Chloroethyl)ether	7.467	93	64251	41.30	ng		91
12) 1,3-Dichlorobenzene	7.937	146	80883	40.75	ng		95
13) 1,4-Dichlorobenzene	8.089	146	80934	40.95	ng		97
14) 1,2-Dichlorobenzene	8.407	146	76377	40.00	ng		95
15) Benzyl Alcohol	8.289	79	83061	42.62	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.571	45	74324	40.90	ng		94
17) 2-Methylphenol	8.495	107	64517	42.67	ng		95
18) Hexachloroethane	9.141	117	31511	41.02	ng		96
19) n-Nitroso-di-n-propyla...	8.859	70	62820	40.10	ng		94
20) 3+4-Methylphenols	8.824	107	84556	40.81	ng		96
22) Acetophenone	8.877	105	116617	40.26	ng	#	99
24) Nitrobenzene	9.264	77	105490	41.60	ng		97
25) Isophorone	9.787	82	174070	40.69	ng		98
26) 2-Nitrophenol	9.975	139	38508	41.83	ng		96
27) 2,4-Dimethylphenol	10.034	122	58322	39.63	ng		86
28) bis(2-Chloroethoxy)met...	10.269	93	77839	40.78	ng		92
29) 2,4-Dichlorophenol	10.516	162	72291	42.36	ng		95
30) 1,2,4-Trichlorobenzene	10.733	180	77277	40.10	ng		96
31) Naphthalene	10.921	128	224022	39.27	ng		99
32) Benzoic acid	10.181	122	40416m	41.80	ng		
33) 4-Chloroaniline	11.027	127	91388	41.97	ng		97
34) Hexachlorobutadiene	11.209	225	55652	40.30	ng	#	87
35) Caprolactam	11.802	113	20983	39.60	ng	#	73
36) 4-Chloro-3-methylphenol	12.149	107	80785	40.14	ng	#	92
37) 2-Methylnaphthalene	12.525	142	168765	40.53	ng		94
38) 1-Methylnaphthalene	12.742	142	156358	39.27	ng		93
40) 1,2,4,5-Tetrachloroben...	12.895	216	86216	38.54	ng		100
41) Hexachlorocyclopentadiene	12.871	237	45284	45.35	ng		94
43) 2,4,6-Trichlorophenol	13.130	196	58366m	40.00	ng		

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44) 2,4,5-Trichlorophenol	13.206	196	59783	37.88	ng		87
46) 1,1'-Biphenyl	13.529	154	206767	37.28	ng		97
47) 2-Chloronaphthalene	13.576	162	164471	38.61	ng		98
48) 2-Nitroaniline	13.776	65	61327	41.37	ng		96
49) Acenaphthylene	14.422	152	261764	37.90	ng		95
50) Dimethylphthalate	14.152	163	209250	38.07	ng		99
51) 2,6-Dinitrotoluene	14.269	165	46660	39.10	ng		94
52) Acenaphthene	14.763	154	155312	37.26	ng		93
53) 3-Nitroaniline	14.604	138	46976	39.26	ng		91
54) 2,4-Dinitrophenol	14.810	184	23823	47.43	ng		98
55) Dibenzofuran	15.098	168	253398	37.88	ng		95
56) 4-Nitrophenol	14.910	139	35641	37.76	ng		96
57) 2,4-Dinitrotoluene	15.056	165	67290	40.80	ng		92
58) Fluorene	15.750	166	203423	37.53	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.327	232	53968	37.40	ng		91
60) Diethylphthalate	15.509	149	211707	38.35	ng		96
61) 4-Chlorophenyl-phenyle...	15.738	204	109306	39.64	ng		99
62) 4-Nitroaniline	15.767	138	48319	38.37	ng		93
63) Azobenzene	16.032	77	233297	38.16	ng		88
65) 4,6-Dinitro-2-methylph...	15.826	198	38202	44.29	ng		92
66) n-Nitrosodiphenylamine	15.949	169	174759	38.21	ng		97
67) 4-Bromophenyl-phenylether	16.631	248	71704	39.76	ng		96
68) Hexachlorobenzene	16.754	284	78656	38.52	ng		95
69) Atrazine	16.895	200	70511	38.91	ng		93
70) Pentachlorophenol	17.101	266	41736	45.47	ng		97
71) Phenanthrene	17.494	178	326801	38.18	ng		97
72) Anthracene	17.582	178	324778	38.61	ng		98
73) Carbazole	17.853	167	312050	39.00	ng		98
74) Di-n-butylphthalate	18.405	149	351936	38.57	ng		99
75) Fluoranthene	19.503	202	417319	39.16	ng		97
77) Benzidine	19.680	184	185491	40.67	ng		97
78) Pyrene	19.862	202	417225	38.58	ng		97
80) Butylbenzylphthalate	20.743	149	163868	41.67	ng		96
81) Benzo(a)anthracene	21.712	228	409836	39.27	ng		99
82) 3,3'-Dichlorobenzidine	21.624	252	119976	39.85	ng		95
83) Chrysene	21.783	228	387064	38.45	ng		97
84) Bis(2-ethylhexyl)phtha...	21.606	149	234586	39.78	ng	#	96
85) Di-n-octyl phthalate	22.840	149	414485	40.69	ng		99
87) Indeno(1,2,3-cd)pyrene	28.767	276	505779	39.27	ng		98
88) Benzo(b)fluoranthene	23.968	252	461113	39.33	ng	#	97
89) Benzo(k)fluoranthene	24.038	252	421121	38.61	ng		98
90) Benzo(a)pyrene	24.855	252	413221	38.88	ng	#	98
91) Dibenzo(a,h)anthracene	28.832	278	423331	39.13	ng	#	93
92) Benzo(g,h,i)perylene	29.936	276	416961	38.95	ng		96

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

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