Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031621\
Data File : BG048388.D
Acq On : 16 Mar 2021 12:48
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/17/2021 10:51:15 AM

Quant Time: Mar 16 14:20:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 14:17:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.115	152	55619	20.00	ng		0.00
21) Naphthalene-d8	10.935	136	205092	20.00	ng	#	0.00
39) Acenaphthene-d10	14.755	164	146975	20.00	ng		0.00
64) Phenanthrene-d10	17.504	188	372655	20.00	ng	#	0.00
76) Chrysene-d12	21.799	240	384525	20.00	ng	#	0.00
86) Perylene-d12	25.131	264	401620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	257520	78.81	ng		0.00
7) Phenol-d6	7.257	99	381999	76.95	ng		0.00
23) Nitrobenzene-d5	9.284	82	369594	76.23	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	160100	68.10	ng		0.00
45) 2-Fluorobiphenyl	13.380	172	828274	79.01	ng		0.00
79) Terphenyl-d14	20.113	244	1584452	75.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.538	88	59690	39.87	ng	#	95
3) Pyridine	3.944	79	172257	41.61	ng	#	89
4) n-Nitrosodimethylamine	3.856	42	95914	43.64	ng	#	67
6) Aniline	7.434	93	227185	38.30	ng		92
8) 2-Chlorophenol	7.675	128	132761	36.99	ng		92
9) Benzaldehyde	7.246	77	113899	32.39	ng	#	72
10) Phenol	7.281	94	196712	39.19	ng	#	70
11) bis(2-Chloroethyl)ether	7.528	93	140027	35.81	ng		95
12) 1,3-Dichlorobenzene	8.004	146	156536	37.76	ng	#	86
13) 1,4-Dichlorobenzene	8.150	146	157578m	37.69	ng		
14) 1,2-Dichlorobenzene	8.474	146	150282m	37.79	ng		
15) Benzyl Alcohol	8.344	79	175043	40.01	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.644	45	169558	33.44	ng		88
17) 2-Methylphenol	8.544	107	122799	37.52	ng	#	82
18) Hexachloroethane	9.208	117	58034	36.41	ng		91
19) n-Nitroso-di-n-propyla...	8.920	70	145981	38.10	ng	#	93
20) 3+4-Methylphenols	8.873	107	170922	37.47	ng		86
22) Acetophenone	8.938	105	226270	38.43	ng	#	86
24) Nitrobenzene	9.326	77	204146	39.46	ng	#	79
25) Isophorone	9.848	82	390880	40.65	ng	#	91
26) 2-Nitrophenol	10.037	139	62142	29.04	ng	#	85
27) 2,4-Dimethylphenol	10.084	122	123958	40.24	ng		87
28) bis(2-Chloroethoxy)met...	10.330	93	180655	38.44	ng		97
29) 2,4-Dichlorophenol	10.571	162	142509	36.18	ng		86
30) 1,2,4-Trichlorobenzene	10.794	180	175304	39.14	ng		99
31) Naphthalene	10.988	128	437868	38.68	ng		98
32) Benzoic acid	10.213	122	82295	43.61	ng		88
33) 4-Chloroaniline	11.082	127	187438	38.17	ng	#	87
34) Hexachlorobutadiene	11.270	225	137265	40.98	ng		95
35) Caprolactam	11.858	113	47087	36.08	ng	#	88
36) 4-Chloro-3-methylphenol	12.193	107	165991	38.12	ng		85
37) 2-Methylnaphthalene	12.586	142	339806	38.60	ng	#	93
38) 1-Methylnaphthalene	12.804	142	316813	38.05	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	217834	41.50	ng	#	98
41) Hexachlorocyclopentadiene	12.933	237	121179	37.85	ng		96
43) 2,4,6-Trichlorophenol	13.180	196	137459	36.44	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	149416	36.72	ng	#	91
46) 1,1'-Biphenyl	13.591	154	423831	40.25	ng		96
47) 2-Chloronaphthalene	13.632	162	343867	38.37	ng		95
48) 2-Nitroaniline	13.826	65	106674	33.17	ng	#	75
49) Acenaphthylene	14.478	152	546211	39.40	ng		98
50) Dimethylphthalate	14.202	163	469467	38.20	ng		99
51) 2,6-Dinitrotoluene	14.320	165	91104	32.99	ng	#	51
52) Acenaphthene	14.819	154	358126	38.16	ng		97
53) 3-Nitroaniline	14.649	138	94198	34.73	ng		83
54) 2,4-Dinitrophenol	14.849	184	52142	29.00	ng	#	82
55) Dibenzofuran	15.154	168	557696	38.01	ng		92
56) 4-Nitrophenol	14.937	139	77593	34.90	ng	#	40
57) 2,4-Dinitrotoluene	15.101	165	125605	31.48	ng	#	64
58) Fluorene	15.800	166	462311	39.72	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.371	232	143825	35.30	ng	#	94
60) Diethylphthalate	15.565	149	458669	36.50	ng		98
61) 4-Chlorophenyl-phenyle...	15.794	204	267727	38.19	ng		98
62) 4-Nitroaniline	15.812	138	100925	35.78	ng	#	52
63) Azobenzene	16.082	77	528926	42.18	ng		85
65) 4,6-Dinitro-2-methylph...	15.871	198	71006	26.25	ng		92
66) n-Nitrosodiphenylamine	16.006	169	425617	39.49	ng		98
67) 4-Bromophenyl-phenylether	16.688	248	176139	36.87	ng		94
68) Hexachlorobenzene	16.805	284	188028	38.15	ng	#	92
69) Atrazine	16.952	200	163795	36.55	ng		98
70) Pentachlorophenol	17.146	266	117109	36.13	ng		95
71) Phenanthrene	17.545	178	765899	37.85	ng		97
72) Anthracene	17.639	178	762959	37.97	ng		99
73) Carbazole	17.904	167	710307	37.37	ng		99
74) Di-n-butylphthalate	18.462	149	768916	36.51	ng	#	97
75) Fluoranthene	19.555	202	1012377	38.43	ng		95
77) Benzidine	19.731	184	421320	33.53	ng		99
78) Pyrene	19.913	202	1023153	38.10	ng		97
80) Butylbenzylphthalate	20.800	149	346341	36.83	ng	#	84
81) Benzo(a)anthracene	21.776	228	1048837	39.10	ng		99
82) 3,3'-Dichlorobenzidine	21.688	252	371229	38.64	ng	#	95
83) Chrysene	21.846	228	1015276	39.62	ng		98
84) Bis(2-ethylhexyl)phtha...	21.682	149	503320	38.09	ng		96
85) Di-n-octyl phthalate	22.945	149	848511	37.72	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.967	276	1219326	40.07	ng	#	86
88) Benzo(b)fluoranthene	24.073	252	1111870	40.04	ng	#	98
89) Benzo(k)fluoranthene	24.149	252	1060395	40.03	ng	#	96
90) Benzo(a)pyrene	24.984	252	1015736	39.44	ng	#	98
91) Dibenzo(a,h)anthracene	29.044	278	1034067	39.83	ng	#	93
92) Benzo(g,h,i)perylene	30.160	276	1011348	40.09	ng	#	92

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

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