Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041421\
Data File : BG048694.D
Acq On : 14 Apr 2021 15:15
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
4/15/2021 11:45:16 AM

Quant Time: Apr 14 15:54:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 14 15:25:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.086	152	24433	20.00	ng		# 0.00
21) Naphthalene-d8	10.906	136	93045	20.00	ng		0.00
39) Acenaphthene-d10	14.737	164	65286	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	157956	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	142836	20.00	ng		# 0.00
86) Perylene-d12	25.142	264	146378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.630	112	137629	99.45	ng		0.00
7) Phenol-d6	7.246	99	193537	96.43	ng		0.00
23) Nitrobenzene-d5	9.255	82	200245	104.20	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	86311	100.57	ng		0.00
45) 2-Fluorobiphenyl	13.356	172	438785	99.90	ng		0.00
79) Terphenyl-d14	20.107	244	799764	102.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.491	88	27055	48.59	ng		97
3) Pyridine	3.902	79	73387	52.57	ng		97
4) n-Nitrosodimethylamine	3.814	42	52969	58.08	ng	#	93
6) Aniline	7.404	93	109785	47.63	ng	#	95
8) 2-Chlorophenol	7.645	128	72896	46.61	ng		96
9) Benzaldehyde	7.210	77	58399	45.52	ng		93
10) Phenol	7.269	94	92262	45.92	ng		97
11) bis(2-Chloroethyl)ether	7.498	93	63813	45.77	ng		90
12) 1,3-Dichlorobenzene	7.968	146	84468	47.94	ng		94
13) 1,4-Dichlorobenzene	8.115	146	81798	46.05	ng		99
14) 1,2-Dichlorobenzene	8.438	146	77706	45.68	ng		96
15) Benzyl Alcohol	8.321	79	84433	51.35	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.620	45	69061	51.35	ng		91
17) 2-Methylphenol	8.526	107	61708	47.46	ng		97
18) Hexachloroethane	9.173	117	32077	48.60	ng		93
19) n-Nitroso-di-n-propyla...	8.891	70	66181	47.84	ng	#	97
20) 3+4-Methylphenols	8.861	107	83621	46.34	ng		95
22) Acetophenone	8.914	105	118259	49.30	ng		97
24) Nitrobenzene	9.302	77	102697	54.45	ng		96
25) Isophorone	9.825	82	176842	49.83	ng		96
26) 2-Nitrophenol	10.013	139	42926	49.54	ng	#	90
27) 2,4-Dimethylphenol	10.072	122	66029	48.42	ng		94
28) bis(2-Chloroethoxy)met...	10.301	93	76713	47.16	ng	#	91
29) 2,4-Dichlorophenol	10.553	162	78470	50.82	ng		88
30) 1,2,4-Trichlorobenzene	10.771	180	87549	49.35	ng		96
31) Naphthalene	10.959	128	233378	48.78	ng		97
32) Benzoic acid	10.242	122	41782	39.83	ng		97
33) 4-Chloroaniline	11.071	127	97356	48.22	ng		95
34) Hexachlorobutadiene	11.241	225	66675	51.46	ng		97
35) Caprolactam	11.852	113	26459	46.97	ng		89
36) 4-Chloro-3-methylphenol	12.193	107	84866	48.95	ng		94
37) 2-Methylnaphthalene	12.563	142	182969	48.04	ng		97
38) 1-Methylnaphthalene	12.780	142	172223	47.42	ng		97
40) 1,2,4,5-Tetrachloroben...	12.927	216	104719	51.74	ng		97
41) Hexachlorocyclopentadiene	12.910	237	53020	45.22	ng		95
43) 2,4,6-Trichlorophenol	13.174	196	70704	50.83	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	75017	50.41	ng		94
46) 1,1'-Biphenyl	13.568	154	232403	48.72	ng		98
47) 2-Chloronaphthalene	13.615	162	180480	49.66	ng		97
48) 2-Nitroaniline	13.820	65	64971	56.24	ng		95
49) Acenaphthylene	14.461	152	277214	48.66	ng		99
50) Dimethylphthalate	14.190	163	240313	49.59	ng		100
51) 2,6-Dinitrotoluene	14.314	165	56351	50.83	ng		87
52) Acenaphthene	14.807	154	175632	42.62	ng		99
53) 3-Nitroaniline	14.643	138	54979	50.57	ng		100
54) 2,4-Dinitrophenol	14.848	184	30794	49.40	ng	#	82
55) Dibenzofuran	15.136	168	293687	48.80	ng		98
56) 4-Nitrophenol	14.960	139	41070	46.80	ng		93
57) 2,4-Dinitrotoluene	15.101	165	81650	52.07	ng		97
58) Fluorene	15.789	166	236856	47.01	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.365	232	69687	48.00	ng		99
60) Diethylphthalate	15.548	149	250529	50.32	ng		99
61) 4-Chlorophenyl-phenyle...	15.777	204	130498	48.14	ng		99
62) 4-Nitroaniline	15.812	138	55336	48.67	ng		91
63) Azobenzene	16.071	77	245204	50.06	ng		95
65) 4,6-Dinitro-2-methylph...	15.865	198	52509	55.32	ng		98
66) n-Nitrosodiphenylamine	15.994	169	215804	48.02	ng		99
67) 4-Bromophenyl-phenylether	16.676	248	85954	49.09	ng		94
68) Hexachlorobenzene	16.799	284	90521	49.51	ng		96
69) Atrazine	16.940	200	86479	47.18	ng		98
70) Pentachlorophenol	17.146	266	49513	43.57	ng		97
71) Phenanthrene	17.539	178	389652	47.52	ng		97
72) Anthracene	17.628	178	388583	47.56	ng		98
73) Carbazole	17.898	167	365370	47.15	ng		99
74) Di-n-butylphthalate	18.450	149	415821	48.03	ng		99
75) Fluoranthene	19.549	202	494726	48.67	ng		99
77) Benzidine	19.731	184	186901	38.64	ng		98
78) Pyrene	19.913	202	484456	49.33	ng		99
80) Butylbenzylphthalate	20.789	149	185880	50.96	ng		97
81) Benzo(a)anthracene	21.776	228	468499	49.09	ng		98
82) 3,3'-Dichlorobenzidine	21.687	252	157757	48.12	ng		97
83) Chrysene	21.846	228	440823	48.41	ng		99
84) Bis(2-ethylhexyl)phtha...	21.664	149	264135	51.99	ng		100
85) Di-n-octyl phthalate	22.921	149	436545	49.28	ng		99
87) Indeno(1,2,3-cd)pyrene	28.973	276	503908	49.10	ng		98
88) Benzo(b)fluoranthene	24.073	252	495924m	52.16	ng		
89) Benzo(k)fluoranthene	24.149	252	441739	48.33	ng		97
90) Benzo(a)pyrene	24.984	252	440290	50.25	ng		97
91) Dibenzo(a,h)anthracene	29.049	278	427864	48.85	ng		99
92) Benzo(g,h,i)perylene	30.183	276	421672	49.16	ng		99

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

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