Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110420\
Data File : BG047211.D
Acq On : 4 Nov 2020 13:54
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 14:32:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 14:01:38 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
11/5/2020 11:31:49 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.006	152	53398	20.00	ng	#	0.00
21) Naphthalene-d8	10.815	136	191936	20.00	ng	#	0.00
39) Acenaphthene-d10	14.646	164	132425	20.00	ng		0.00
64) Phenanthrene-d10	17.389	188	325699	20.00	ng	#	0.00
76) Chrysene-d12	21.649	240	335956	20.00	ng	#	0.00
86) Perylene-d12	24.839	264	358758	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.562	112	317518	96.44	ng		0.00
7) Phenol-d6	7.166	99	457819	96.87	ng		0.00
23) Nitrobenzene-d5	9.175	82	452073	100.75	ng		0.00
42) 2,4,6-Tribromophenol	16.132	330	230511	104.75	ng		0.00
45) 2-Fluorobiphenyl	13.265	172	1041049	99.55	ng		0.00
79) Terphenyl-d14	19.998	244	1878641	97.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.435	88	75016	46.01	ng	#	93
3) Pyridine	3.841	79	215073	49.09	ng		96
4) n-Nitrosodimethylamine	3.752	42	107123	48.59	ng	#	72
6) Aniline	7.331	93	269639	47.19	ng		95
8) 2-Chlorophenol	7.571	128	168923	49.01	ng		96
9) Benzaldehyde	7.137	77	154325	46.43	ng		89
10) Phenol	7.190	94	216965	47.95	ng		80
11) bis(2-Chloroethyl)ether	7.425	93	165931	46.00	ng		97
12) 1,3-Dichlorobenzene	7.895	146	215840	47.00	ng	#	94
13) 1,4-Dichlorobenzene	8.042	146	214885	46.59	ng		97
14) 1,2-Dichlorobenzene	8.365	146	206871	47.40	ng		96
15) Benzyl Alcohol	8.241	79	181007	49.60	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.535	45	256414	45.24	ng		98
17) 2-Methylphenol	8.441	107	146030	48.38	ng	#	89
18) Hexachloroethane	9.093	117	80620	47.22	ng		95
19) n-Nitroso-di-n-propyla...	8.811	70	149988	46.49	ng		94
20) 3+4-Methylphenols	8.776	107	203463	48.43	ng		91
22) Acetophenone	8.829	105	274925	49.05	ng	#	93
24) Nitrobenzene	9.211	77	226871	49.79	ng	#	87
25) Isophorone	9.734	82	383735	49.03	ng		94
26) 2-Nitrophenol	9.928	139	103145	52.20	ng	#	79
27) 2,4-Dimethylphenol	9.980	122	138012	52.04	ng		94
28) bis(2-Chloroethoxy)met...	10.215	93	232709	49.18	ng		97
29) 2,4-Dichlorophenol	10.462	162	188559	51.19	ng		98
30) 1,2,4-Trichlorobenzene	10.680	180	226822	50.50	ng		98
31) Naphthalene	10.868	128	540412	48.45	ng		99
32) Benzoic acid	10.127	122	113308	66.14	ng	#	82
33) 4-Chloroaniline	10.973	127	237422	51.82	ng	#	93
34) Hexachlorobutadiene	11.156	225	168787	50.22	ng		100
35) Caprolactam	11.743	113	62025	59.55	ng		93
36) 4-Chloro-3-methylphenol	12.090	107	189141	50.09	ng		92
37) 2-Methylnaphthalene	12.472	142	413541	49.85	ng	#	95
38) 1-Methylnaphthalene	12.689	142	388978m	48.72	ng		
40) 1,2,4,5-Tetrachloroben...	12.842	216	262245	50.11	ng	#	97
41) Hexachlorocyclopentadiene	12.818	237	152573	56.29	ng		98
43) 2,4,6-Trichlorophenol	13.077	196	178869	53.31	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.147	196	180838	52.56	ng	#	94
46) 1,1'-Biphenyl	13.476	154	544077	50.04	ng		94
47) 2-Chloronaphthalene	13.523	162	449014	49.95	ng		97
48) 2-Nitroaniline	13.723	65	154995	52.42	ng	#	79
49) Acenaphthylene	14.369	152	651495	50.12	ng		97
50) Dimethylphthalate	14.093	163	578783	49.06	ng		100
51) 2,6-Dinitrotoluene	14.217	165	127265	51.13	ng	#	78
52) Acenaphthene	14.710	154	421776	50.26	ng		98
53) 3-Nitroaniline	14.546	138	130843	54.60	ng	#	85
54) 2,4-Dinitrophenol	14.751	184	84408	64.81	ng	#	78
55) Dibenzofuran	15.039	168	676485	49.52	ng		94
56) 4-Nitrophenol	14.851	139	102130	56.98	ng	#	74
57) 2,4-Dinitrotoluene	15.004	165	180933	51.50	ng	#	82
58) Fluorene	15.691	166	550152	50.53	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.262	232	185788	51.43	ng	#	96
60) Diethylphthalate	15.456	149	588191	50.69	ng		97
61) 4-Chlorophenyl-phenyle...	15.680	204	324999	50.31	ng		98
62) 4-Nitroaniline	15.709	138	136975	53.12	ng	#	60
63) Azobenzene	15.973	77	524475	50.35	ng		91
65) 4,6-Dinitro-2-methylph...	15.768	198	116800	64.03	ng		92
66) n-Nitrosodiphenylamine	15.897	169	496300	49.24	ng		99
67) 4-Bromophenyl-phenylether	16.573	248	228268	49.91	ng		94
68) Hexachlorobenzene	16.696	284	247177	49.68	ng		99
69) Atrazine	16.837	200	211159	48.54	ng		98
70) Pentachlorophenol	17.037	266	143545	70.34	ng		99
71) Phenanthrene	17.431	178	921284	48.60	ng		98
72) Anthracene	17.519	178	898262	48.83	ng		98
73) Carbazole	17.789	167	800307	49.49	ng		98
74) Di-n-butylphthalate	18.341	149	991667	49.72	ng	#	98
75) Fluoranthene	19.440	202	1182717	48.80	ng		96
77) Benzidine	19.616	184	686572	60.35	ng		98
78) Pyrene	19.798	202	1169390	49.44	ng		99
80) Butylbenzylphthalate	20.680	149	460550	51.53	ng		94
81) Benzo(a)anthracene	21.631	228	1194794	50.48	ng		98
82) 3,3'-Dichlorobenzidine	21.543	252	430156	53.07	ng		98
83) Chrysene	21.696	228	1151951	50.59	ng		100
84) Bis(2-ethylhexyl)phtha...	21.532	149	641377	51.88	ng		96
85) Di-n-octyl phthalate	22.730	149	1076975	51.77	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.476	276	1372764	50.32	ng	#	89
88) Benzo(b)fluoranthene	23.829	252	1228402	50.02	ng	#	96
89) Benzo(k)fluoranthene	23.894	252	1195930	50.03	ng	#	97
90) Benzo(a)pyrene	24.693	252	1148241	50.13	ng	#	98
91) Dibenzo(a,h)anthracene	28.541	278	1105527	50.51	ng	#	96
92) Benzo(g,h,i)perylene	29.622	276	1110740	50.86	ng	#	93

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

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