Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061520\
Data File : BG045767.D
Acq On : 15 Jun 2020 16:16
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:17 AM

Quant Time: Jun 15 17:00:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 14:56:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	51043	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	193063	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	134126	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	317143	20.00	ng		0.00
76) Chrysene-d12	21.58	240	295986	20.00	ng		0.00
86) Perylene-d12	24.70	264	330081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	478453	183.19	ng		0.00
7) Phenol-d6	7.17	99	719970	193.67	ng		0.00
23) Nitrobenzene-d5	9.09	82	669387	189.07	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	335751	195.74	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1412246	178.60	ng		0.00
79) Terphenyl-d14	19.94	244	2166059	170.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	106840	82.491	ng		97
3) Pyridine	3.77	79	325131m	90.135	ng		
4) n-Nitrosodimethylamine	3.68	42	110982	94.023	ng		94
6) Aniline	7.26	93	427035	87.998	ng		99
8) 2-Chlorophenol	7.51	128	252628	88.202	ng		95
9) Benzaldehyde	7.06	77	179514	74.118	ng		98
10) Phenol	7.20	94	347981	90.826	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	258095	86.365	ng		96
12) 1,3-Dichlorobenzene	7.81	146	298244	86.649	ng		97
13) 1,4-Dichlorobenzene	7.95	146	298512	87.882	ng		95
14) 1,2-Dichlorobenzene	8.28	146	284543	87.096	ng		98
15) Benzyl Alcohol	8.18	79	288489	93.942	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	243733	85.921	ng		88
17) 2-Methylphenol	8.42	107	257848	89.914	ng		96
18) Hexachloroethane	9.00	117	114623	88.108	ng		95
19) n-Nitroso-di-n-propylamine	8.74	70	236767	92.104	ng		98
20) 3+4-Methylphenols	8.76	107	337762	86.493	ng		93
22) Acetophenone	8.75	105	413625	90.394	ng	#	97
24) Nitrobenzene	9.13	77	355954	93.841	ng		97
25) Isophorone	9.65	82	651326	93.415	ng		99
26) 2-Nitrophenol	9.84	139	152185	93.788	ng		95
27) 2,4-Dimethylphenol	9.95	122	227152	94.385	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	338087	92.460	ng		99
29) 2,4-Dichlorophenol	10.42	162	269749	94.917	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	313027	93.213	ng		99
31) Naphthalene	10.77	128	829699	92.224	ng		98
32) Benzoic acid	10.18	122	165645	114.606	ng		95
33) 4-Chloroaniline	10.90	127	345312	91.823	ng		99
34) Hexachlorobutadiene	11.06	225	224276	94.480	ng		99
35) Caprolactam	11.70	113	91613	87.824	ng		93
36) 4-Chloro-3-methylphenol	12.08	107	309858	96.757	ng		97
37) 2-Methylnaphthalene	12.39	142	616451	91.932	ng		99
38) 1-Methylnaphthalene	12.61	142	585424	92.423	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	354686	94.675	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	197813	91.482	ng		95
43) 2,4,6-Trichlorophenol	13.02	196	247770	95.207	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	281116	94.527	ng		98
46) 1,1'-Biphenyl	13.40	154	765989	92.944	ng		97
47) 2-Chloronaphthalene	13.45	162	617853	92.322	ng		98
48) 2-Nitroaniline	13.66	65	213173	96.835	ng		98
49) Acenaphthylene	14.29	152	978129	90.992	ng		98
50) Dimethylphthalate	14.03	163	831872	90.412	ng		100
51) 2,6-Dinitrotoluene	14.15	165	189982	91.505	ng		95
52) Acenaphthene	14.63	154	600062	83.393	ng		98
53) 3-Nitroaniline	14.50	138	194621	92.213	ng		93
54) 2,4-Dinitrophenol	14.70	184	106574	88.396	ng		93
55) Dibenzofuran	14.97	168	957454	89.603	ng		96
56) 4-Nitrophenol	14.89	139	141153	88.337	ng		93
57) 2,4-Dinitrotoluene	14.94	165	271733	90.370	ng		96
58) Fluorene	15.62	166	802727	91.440	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	250171	95.617	ng		98
60) Diethylphthalate	15.40	149	850352	88.794	ng		96
61) 4-Chlorophenyl-phenylether	15.61	204	466133	92.790	ng		100
62) 4-Nitroaniline	15.67	138	199866m	90.711	ng		
63) Azobenzene	15.91	77	808407	90.530	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	170870	92.510	ng		95
66) n-Nitrosodiphenylamine	15.84	169	708687	93.070	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	330028	96.102	ng		98
68) Hexachlorobenzene	16.64	284	338303	94.187	ng		93
69) Atrazine	16.79	200	273419	87.177	ng		98
70) Pentachlorophenol	17.00	266	174098	93.349	ng		94
71) Phenanthrene	17.37	178	1258610	90.907	ng		96
72) Anthracene	17.45	178	1249296	89.854	ng		97
73) Carbazole	17.74	167	1202521	88.729	ng		99
74) Di-n-butylphthalate	18.29	149	1414495	86.957	ng		98
75) Fluoranthene	19.37	202	1522750	86.470	ng		96
77) Benzidine	19.56	184	589688	70.936	ng		98
78) Pyrene	19.74	202	1521734	90.191	ng		97
80) Butylbenzylphthalate	20.63	149	652186	89.553	ng		95
81) Benzo(a)anthracene	21.56	228	1489522	90.337	ng		96
82) 3,3'-Dichlorobenzidine	21.48	252	580061	89.685	ng		98
83) Chrysene	21.63	228	1435595	90.550	ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	916860	91.585	ng	#	96
85) Di-n-octyl phthalate	22.65	149	1573129	91.492	ng		100
87) Indeno(1,2,3-cd)pyrene	28.28	276	1936960	93.597	ng	#	98
88) Benzo(b)fluoranthene	23.72	252	1666827	94.157	ng		96
89) Benzo(k)fluoranthene	23.79	252	1536794	92.403	ng		96
90) Benzo(a)pyrene	24.57	252	1536614	93.202	ng		97
91) Dibenzo(a,h)anthracene	28.33	278	1535984	92.709	ng		100
92) Benzo(g,h,i)perylene	29.39	276	1546696	93.344	ng		97

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

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