Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
Data File : BG045863.D
Acq On : 25 Jun 2020 18:46
Operator : CG/JU
Sample : L3111-08MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6-DMS

Manual Integrations APPROVED
mohammad
6/26/2020 12:37:40 PM

Quant Time: Jun 25 19:24:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	50469	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	195200	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	135282	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	322436	20.00	ng		0.00
76) Chrysene-d12	21.57	240	309068	20.00	ng		0.00
86) Perylene-d12	24.70	264	335361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	214499	71.79	ng		0.00
7) Phenol-d6	7.14	99	315868	69.51	ng		0.00
23) Nitrobenzene-d5	9.08	82	202051	47.29	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	142948	69.99	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	456907	49.63	ng		0.00
79) Terphenyl-d14	19.93	244	825436	54.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	53524	39.115	ng		95
3) Pyridine	3.76	79	153034	37.740	ng		98
4) n-Nitrosodimethylamine	3.68	42	65389	48.041	ng	#	96
6) Aniline	7.24	93	189207	35.359	ng		96
8) 2-Chlorophenol	7.49	128	150839	47.167	ng		97
9) Benzaldehyde	7.05	77	76302	27.954	ng		97
10) Phenol	7.16	94	202240	45.929	ng		96
11) bis(2-Chloroethyl)ether	7.34	93	138380	41.374	ng		97
12) 1,3-Dichlorobenzene	7.80	146	167515	43.955	ng		98
13) 1,4-Dichlorobenzene	7.95	146	168175	44.179	ng		99
14) 1,2-Dichlorobenzene	8.27	146	154930	42.513	ng		98
15) Benzyl Alcohol	8.16	79	150935	42.918	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	126781	40.220	ng		80
17) 2-Methylphenol	8.40	107	136232	41.572	ng		98
18) Hexachloroethane	8.99	117	64413	44.553	ng		95
19) n-Nitroso-di-n-propylamine	8.72	70	126028	42.182	ng		98
20) 3+4-Methylphenols	8.73	107	177429	41.169	ng	#	85
22) Acetophenone	8.74	105	222627	41.553	ng		98
24) Nitrobenzene	9.12	77	193509	42.474	ng		99
25) Isophorone	9.64	82	333596	40.329	ng		98
26) 2-Nitrophenol	9.83	139	84767	44.660	ng		98
27) 2,4-Dimethylphenol	9.92	122	132654	45.777	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	182913	42.333	ng		99
29) 2,4-Dichlorophenol	10.40	162	151144	44.704	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	173981	43.468	ng		95
31) Naphthalene	10.77	128	452706	42.421	ng		100
32) Benzoic acid	10.12	122	73444	40.748	ng	#	85
33) 4-Chloroaniline	10.89	127	115440	25.831	ng		97
34) Hexachlorobutadiene	11.06	225	119315	41.916	ng		93
35) Caprolactam	11.66	113	48333m	44.177	ng		
36) 4-Chloro-3-methylphenol	12.05	107	170622	43.708	ng		98
37) 2-Methylnaphthalene	12.38	142	342422	43.090	ng		99
38) 1-Methylnaphthalene	12.60	142	319112	42.434	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	194376	43.636	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	210273	84.884	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	128026	42.390	ng		98
44) 2,4,5-Trichlorophenol	13.10	196	134061	38.947	ng		98
46) 1,1'-Biphenyl	13.39	154	428176	44.208	ng		99
47) 2-Chloronaphthalene	13.43	162	335628	42.899	ng		99
48) 2-Nitroaniline	13.65	65	110013	42.273	ng		99
49) Acenaphthylene	14.29	152	537368	42.881	ng		100
50) Dimethylphthalate	14.02	163	486939	45.947	ng		99
51) 2,6-Dinitrotoluene	14.14	165	100705	42.307	ng		92
52) Acenaphthene	14.63	154	325215	42.814	ng		97
53) 3-Nitroaniline	14.48	138	69329	29.160	ng		97
54) 2,4-Dinitrophenol	14.69	184	113307	84.898	ng		94
55) Dibenzofuran	14.96	168	529345	42.897	ng		97
56) 4-Nitrophenol	14.85	139	129200	76.053	ng		96
57) 2,4-Dinitrotoluene	14.94	165	145128	42.554	ng		98
58) Fluorene	15.61	166	443032	43.177	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	127681	42.738	ng		99
60) Diethylphthalate	15.38	149	458892	42.357	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	247464	41.844	ng		97
62) 4-Nitroaniline	15.65	138	101029	41.404	ng		97
63) Azobenzene	15.90	77	446435	42.916	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	91736	46.037	ng		98
66) n-Nitrosodiphenylamine	15.82	169	388153	42.501	ng		98
67) 4-Bromophenyl-phenylether	16.50	248	170235	40.632	ng		96
68) Hexachlorobenzene	16.63	284	183870	42.323	ng		94
69) Atrazine	16.78	200	147182	41.532	ng		99
70) Pentachlorophenol	16.98	266	153926	72.620	ng		95
71) Phenanthrene	17.36	178	702704	42.257	ng		99
72) Anthracene	17.45	178	726620	43.879	ng		99
73) Carbazole	17.73	167	660305	41.878	ng		99
74) Di-n-butylphthalate	18.28	149	790095	42.320	ng		99
75) Fluoranthene	19.37	202	895705	43.803	ng		100
77) Benzidine	19.55	184	416208	51.800	ng		99
78) Pyrene	19.73	202	886938	42.855	ng		99
80) Butylbenzylphthalate	20.62	149	362284	41.820	ng		95
81) Benzo(a)anthracene	21.55	228	853258	42.582	ng		99
82) 3,3'-Dichlorobenzidine	21.47	252	214964	28.361	ng		97
83) Chrysene	21.62	228	821044	42.363	ng		100
84) Bis(2-ethylhexyl)phthalate	21.46	149	507301	42.100	ng	#	97
85) Di-n-octyl phthalate	22.64	149	894854	43.053	ng		100
87) Indeno(1,2,3-cd)pyrene	28.24	276	1108762	45.605	ng	#	74
88) Benzo(b)fluoranthene	23.71	252	959344	45.625	ng		97
89) Benzo(k)fluoranthene	23.78	252	896221	44.534	ng		99
90) Benzo(a)pyrene	24.55	252	866782	44.129	ng		99
91) Dibenzo(a,h)anthracene	28.30	278	897785	46.049	ng		99
92) Benzo(g,h,i)perylene	29.35	276	901535	46.200	ng		96

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

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