Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045792.D
Acq On : 17 Jun 2020 16:02
Operator : CG/JU
Sample : L3020-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-22(16.5-18.5)MSD

Manual Integrations APPROVED
mohammad
6/19/2020 9:24:29 AM

Quant Time: Jun 18 02:57:31 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 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	69952	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	278833	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	188914	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	416262	20.00	ng		0.00
76) Chrysene-d12	21.58	240	357534	20.00	ng		0.00
86) Perylene-d12	24.71	264	380179	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	422409	102.01	ng		0.00
7) Phenol-d6	7.16	99	604791	96.02	ng		0.00
23) Nitrobenzene-d5	9.09	82	395541	64.80	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	269575	94.52	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	861569	67.02	ng		0.00
79) Terphenyl-d14	19.94	244	1247280	70.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	55632	29.332	ng		97
3) Pyridine	3.76	79	154415	27.475	ng		98
4) n-Nitrosodimethylamine	3.68	42	68202	36.152	ng	#	98
6) Aniline	7.25	93	148034	19.960	ng		99
8) 2-Chlorophenol	7.51	128	175567	39.609	ng		93
9) Benzaldehyde	7.05	77	107643	28.452	ng		98
10) Phenol	7.19	94	231665	37.958	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	162793	35.117	ng		97
12) 1,3-Dichlorobenzene	7.81	146	188013	35.593	ng		99
13) 1,4-Dichlorobenzene	7.95	146	192540	36.492	ng		99
14) 1,2-Dichlorobenzene	8.28	146	181641	35.961	ng		97
15) Benzyl Alcohol	8.18	79	175114	35.925	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.46	45	149078	34.121	ng		82
17) 2-Methylphenol	8.42	107	153433	33.781	ng		99
18) Hexachloroethane	9.00	117	73064	36.461	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	146764	35.441	ng		97
20) 3+4-Methylphenols	8.75	107	206504	34.570	ng	#	79
22) Acetophenone	8.75	105	263101	34.378	ng	#	98
24) Nitrobenzene	9.13	77	220754	33.921	ng		99
25) Isophorone	9.65	82	389574	32.970	ng		98
26) 2-Nitrophenol	9.84	139	97816	36.077	ng		95
27) 2,4-Dimethylphenol	9.94	122	154620	37.353	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	217836	35.294	ng		97
29) 2,4-Dichlorophenol	10.41	162	176063	36.456	ng		100
30) 1,2,4-Trichlorobenzene	10.59	180	197841	34.603	ng		97
31) Naphthalene	10.78	128	531087	34.839	ng		98
32) Benzoic acid	10.15	122	101483	39.709	ng		90
33) 4-Chloroaniline	10.90	127	76234	11.942	ng		96
34) Hexachlorobutadiene	11.07	225	139928	34.413	ng		100
35) Caprolactam	11.67	113	55433m	35.470	ng		
36) 4-Chloro-3-methylphenol	12.08	107	196895	35.310	ng		97
37) 2-Methylnaphthalene	12.39	142	395036	34.800	ng		98
38) 1-Methylnaphthalene	12.61	142	376221	35.023	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	229868	36.953	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	169588	52.581	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	152321	36.116	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	162183	33.741	ng		97
46) 1,1'-Biphenyl	13.40	154	490014	36.230	ng		99
47) 2-Chloronaphthalene	13.45	162	383658	35.116	ng		98
48) 2-Nitroaniline	13.66	65	121650	33.474	ng		99
49) Acenaphthylene	14.29	152	609173	34.810	ng		99
50) Dimethylphthalate	14.03	163	609857	41.208	ng		99
51) 2,6-Dinitrotoluene	14.15	165	110961	33.382	ng		97
52) Acenaphthene	14.64	154	366163	34.519	ng		97
53) 3-Nitroaniline	14.49	138	62753	18.901	ng		89
54) 2,4-Dinitrophenol	14.70	184	79575	47.580	ng		96
55) Dibenzofuran	14.97	168	587928	34.119	ng		99
56) 4-Nitrophenol	14.87	139	151764	64.604	ng		98
57) 2,4-Dinitrotoluene	14.94	165	158580	33.297	ng		96
58) Fluorene	15.62	166	492534	34.374	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	148432	35.579	ng		97
60) Diethylphthalate	15.40	149	509994	33.710	ng		96
61) 4-Chlorophenyl-phenylether	15.61	204	271124	32.830	ng		97
62) 4-Nitroaniline	15.66	138	97606m	28.645	ng		
63) Azobenzene	15.91	77	500117	34.427	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	68904	26.785	ng		92
66) n-Nitrosodiphenylamine	15.83	169	428334	36.330	ng		100
67) 4-Bromophenyl-phenylether	16.51	248	185945	34.378	ng		97
68) Hexachlorobenzene	16.63	284	203037	36.201	ng		96
69) Atrazine	16.79	200	156700	34.251	ng		98
70) Pentachlorophenol	16.99	266	203133	74.064	ng		96
71) Phenanthrene	17.36	178	746387	34.767	ng		98
72) Anthracene	17.45	178	773992	36.205	ng		100
73) Carbazole	17.73	167	686919	33.746	ng		99
74) Di-n-butylphthalate	18.29	149	821784	34.096	ng		99
75) Fluoranthene	19.38	202	870094	32.960	ng		100
77) Benzidine	19.56	184	348453	37.489	ng		99
78) Pyrene	19.74	202	857178	35.803	ng		100
80) Butylbenzylphthalate	20.62	149	335173	33.446	ng		93
81) Benzo(a)anthracene	21.56	228	800128	34.518	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	209007	23.837	ng		97
83) Chrysene	21.63	228	773581	34.503	ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	473100	33.940	ng	#	96
85) Di-n-octyl phthalate	22.65	149	796522	33.127	ng		99
87) Indeno(1,2,3-cd)pyrene	28.27	276	988176	35.854	ng	#	95
88) Benzo(b)fluoranthene	23.72	252	849177	35.624	ng		96
89) Benzo(k)fluoranthene	23.78	252	803937	35.239	ng		98
90) Benzo(a)pyrene	24.57	252	765718	34.388	ng		100
91) Dibenzo(a,h)anthracene	28.32	278	822450	37.212	ng		100
92) Benzo(g,h,i)perylene	29.37	276	813401	36.769	ng		98

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

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