Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061720\
Data File : BG045791.D
Acq On : 17 Jun 2020 15:22
Operator : CG/JU
Sample : L3020-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/19/2020 9:24:26 AM

Quant Time: Jun 17 16:00:17 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	56617	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	234674	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	170788	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	415936	20.00	ng		0.00
76) Chrysene-d12	21.58	240	346753	20.00	ng		0.00
86) Perylene-d12	24.71	264	375508	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	347111	103.56	ng		0.00
7) Phenol-d6	7.16	99	513156	100.66	ng		0.00
23) Nitrobenzene-d5	9.08	82	338026	65.80	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	272064	105.51	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	776774	66.84	ng		0.00
79) Terphenyl-d14	19.93	244	1295950	75.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	43808	28.538	ng		92
3) Pyridine	3.76	79	125510	27.591	ng		92
4) n-Nitrosodimethylamine	3.67	42	52755	34.550	ng		98
6) Aniline	7.25	93	101993	16.991	ng		97
8) 2-Chlorophenol	7.50	128	137881	38.433	ng		95
9) Benzaldehyde	7.05	77	84995	27.757	ng		94
10) Phenol	7.18	94	186427	37.740	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	128406	34.223	ng		98
12) 1,3-Dichlorobenzene	7.81	146	150894	35.294	ng		95
13) 1,4-Dichlorobenzene	7.95	146	153640	35.978	ng		100
14) 1,2-Dichlorobenzene	8.27	146	143571	35.118	ng		97
15) Benzyl Alcohol	8.18	79	140983	35.735	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	119752	33.865	ng		89
17) 2-Methylphenol	8.41	107	123310	33.543	ng		99
18) Hexachloroethane	9.00	117	59102	36.440	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	116809	34.851	ng		99
20) 3+4-Methylphenols	8.75	107	165656	34.264	ng	#	80
22) Acetophenone	8.74	105	212670	33.018	ng	#	96
24) Nitrobenzene	9.13	77	175868	32.109	ng		99
25) Isophorone	9.65	82	318679	32.045	ng		99
26) 2-Nitrophenol	9.84	139	78535	34.417	ng		98
27) 2,4-Dimethylphenol	9.94	122	118874	34.121	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	177829	34.233	ng		99
29) 2,4-Dichlorophenol	10.41	162	143121	35.211	ng		91
30) 1,2,4-Trichlorobenzene	10.59	180	158972	33.037	ng		99
31) Naphthalene	10.78	128	426555	33.247	ng		99
32) Benzoic acid	10.14	122	90445	41.521	ng	#	85
33) 4-Chloroaniline	10.90	127	65347	12.163	ng		95
34) Hexachlorobutadiene	11.06	225	114036	33.323	ng		94
35) Caprolactam	11.66	113	51734m	39.332	ng		
36) 4-Chloro-3-methylphenol	12.07	107	166367	35.449	ng		94
37) 2-Methylnaphthalene	12.39	142	322226	33.728	ng		99
38) 1-Methylnaphthalene	12.61	142	306727	33.927	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	186556	33.174	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	145740	50.399	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	132185	34.668	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	139080	32.005	ng		96
46) 1,1'-Biphenyl	13.40	154	414669	33.913	ng		100
47) 2-Chloronaphthalene	13.44	162	327605	33.168	ng		99
48) 2-Nitroaniline	13.66	65	111600	33.968	ng		99
49) Acenaphthylene	14.29	152	525064	33.188	ng		99
50) Dimethylphthalate	14.03	163	575890	43.043	ng		98
51) 2,6-Dinitrotoluene	14.15	165	101322	33.717	ng		96
52) Acenaphthene	14.64	154	320929	33.466	ng		98
53) 3-Nitroaniline	14.49	138	58654	19.541	ng		100
54) 2,4-Dinitrophenol	14.70	184	79187	51.384	ng		93
55) Dibenzofuran	14.97	168	521050	33.447	ng		99
56) 4-Nitrophenol	14.88	139	148384	69.546	ng		98
57) 2,4-Dinitrotoluene	14.94	165	146024	33.915	ng		99
58) Fluorene	15.62	166	445644	34.402	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	136764	36.261	ng		97
60) Diethylphthalate	15.39	149	463664	33.900	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	239770	32.114	ng		97
62) 4-Nitroaniline	15.66	138	91463	29.691	ng		96
63) Azobenzene	15.90	77	451544	34.383	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	65755	25.581	ng		95
66) n-Nitrosodiphenylamine	15.83	169	396796	33.681	ng		97
67) 4-Bromophenyl-phenylether	16.51	248	170543	31.556	ng		98
68) Hexachlorobenzene	16.63	284	187174	33.399	ng		94
69) Atrazine	16.79	200	155043	33.915	ng		98
70) Pentachlorophenol	16.99	266	185696	68.409	ng		97
71) Phenanthrene	17.36	178	718623	33.500	ng		100
72) Anthracene	17.46	178	732795	34.305	ng		99
73) Carbazole	17.73	167	666561	32.771	ng		100
74) Di-n-butylphthalate	18.28	149	799208	33.185	ng		100
75) Fluoranthene	19.38	202	841004	31.883	ng		99
77) Benzidine	19.56	184	285996	31.726	ng		98
78) Pyrene	19.73	202	817485	35.206	ng		99
80) Butylbenzylphthalate	20.63	149	320437	32.969	ng		98
81) Benzo(a)anthracene	21.56	228	761448	33.870	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	200149	23.537	ng		98
83) Chrysene	21.63	228	732344	33.680	ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	453087	33.515	ng		96
85) Di-n-octyl phthalate	22.65	149	751802	32.239	ng		99
87) Indeno(1,2,3-cd)pyrene	28.28	276	941629	34.590	ng	#	94
88) Benzo(b)fluoranthene	23.72	252	803479	34.127	ng		98
89) Benzo(k)fluoranthene	23.79	252	768986	34.126	ng		96
90) Benzo(a)pyrene	24.56	252	731623	33.266	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	783911	35.910	ng		99
92) Benzo(g,h,i)perylene	29.37	276	775155	35.476	ng		97

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

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