Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
Data File : BG045418.D
Acq On : 18 May 2020 18:28
Operator : CG/JU
Sample : L2503-10MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-051420MS

Manual Integrations APPROVED
mohammad
5/19/2020 3:05:59 PM

Quant Time: May 19 04:28:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:47:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	70136	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	298247	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	225880	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	554072	20.00	ng	0.00
76) Chrysene-d12	21.62	240	497139	20.00	ng	0.00
87) Perylene-d12	24.78	264	540990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	464140	129.33	ng	0.00
7) Phenol-d6	7.21	99	635601	124.43	ng	0.00
23) Nitrobenzene-d5	9.13	82	500134	91.44	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	411407	142.42	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1208995	90.79	ng	0.00
79) Terphenyl-d14	19.97	244	2090477	98.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	63038	35.422	ng	# 40
3) Pyridine	3.83	79	108382	21.867	ng	91
4) n-Nitrosodimethylamine	3.73	42	69005	42.546	ng	# 88
6) Aniline	7.30	93	228648	34.290	ng	96
8) 2-Chlorophenol	7.56	128	194469	49.413	ng	98
9) Benzaldehyde	7.10	77	116545	35.020	ng	98
10) Phenol	7.24	94	228564	43.417	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	191842	46.719	ng	98
12) 1,3-Dichlorobenzene	7.86	146	205109	43.368	ng	98
13) 1,4-Dichlorobenzene	8.00	146	204169	43.744	ng	96
14) 1,2-Dichlorobenzene	8.32	146	198104	44.131	ng	95
15) Benzyl Alcohol	8.23	79	213843	50.678	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	181928	46.675	ng	97
17) 2-Methylphenol	8.47	107	183679	46.614	ng	98
18) Hexachloroethane	9.05	117	77545	43.380	ng	93
19) n-Nitroso-di-n-propylamine	8.77	70	184073	52.113	ng	98
20) 3+4-Methylphenols	8.80	107	243397m	45.361	ng	
22) Acetophenone	8.79	105	323117	45.710	ng	96
24) Nitrobenzene	9.17	77	254817	43.486	ng	98
25) Isophorone	9.70	82	511937	47.529	ng	99
26) 2-Nitrophenol	9.89	139	116607	46.518	ng	90
27) 2,4-Dimethylphenol	9.98	122	201991	54.330	ng	94
28) bis(2-Chloroethoxy)methane	10.18	93	272155	48.180	ng	96
29) 2,4-Dichlorophenol	10.46	162	219442	49.983	ng	95
30) 1,2,4-Trichlorobenzene	10.64	180	228589	44.063	ng	99
31) Naphthalene	10.82	128	646217	46.497	ng	99
32) Benzoic acid	10.18	122	122625	48.392	ng	99
33) 4-Chloroaniline	10.95	127	96143	16.549	ng	95
34) Hexachlorobutadiene	11.12	225	150194	40.957	ng	99
35) Caprolactam	11.72	113	65566m	40.687	ng	
36) 4-Chloro-3-methylphenol	12.12	107	262961	53.154	ng	97
37) 2-Methylnaphthalene	12.43	142	499929	48.261	ng	96
38) 1-Methylnaphthalene	12.65	142	483310m	49.392	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	276986	43.902	ng	99

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Quant Time: May 19 04:28:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:47:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	315303	86.585	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	202483	46.200	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	216531	43.234	ng		98
46) 1,1'-Biphenyl	13.44	154	671375	48.372	ng		98
47) 2-Chloronaphthalene	13.49	162	499343	44.305	ng		99
48) 2-Nitroaniline	13.70	65	175688	47.389	ng		86
49) Acenaphthylene	14.34	152	856968	47.338	ng		99
50) Dimethylphthalate	14.07	163	809617	52.250	ng		99
51) 2,6-Dinitrotoluene	14.18	165	163568	46.781	ng		98
52) Acenaphthene	14.68	154	647147m	53.404	ng		
53) 3-Nitroaniline	14.53	138	101302	28.501	ng		93
54) 2,4-Dinitrophenol	14.73	184	197176	85.671	ng		97
55) Dibenzofuran	15.01	168	840195	46.689	ng		97
56) 4-Nitrophenol	14.91	139	216146	80.322	ng		95
57) 2,4-Dinitrotoluene	14.98	165	236899	46.782	ng		97
58) Fluorene	15.66	166	703235	47.567	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	208966	47.425	ng		97
60) Diethylphthalate	15.44	149	753753	46.736	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	386821	45.723	ng		98
62) 4-Nitroaniline	15.70	138	173233	46.686	ng		93
63) Azobenzene	15.95	77	709850	47.202	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	146182	45.301	ng		96
66) n-Nitrosodiphenylamine	15.87	169	635654	47.782	ng		99
67) 4-Bromophenyl-phenylether	16.55	248	267977	44.665	ng		99
68) Hexachlorobenzene	16.67	284	287134	45.757	ng		95
69) Atrazine	16.82	200	242993	44.346	ng		99
70) Pentachlorophenol	17.03	266	273430	83.917	ng		97
71) Phenanthrene	17.40	178	1142106	47.217	ng		99
72) Anthracene	17.49	178	1172627	48.275	ng		97
73) Carbazole	17.77	167	1089340	46.007	ng		100
74) Di-n-butylphthalate	18.33	149	1288366	45.335	ng		99
75) Fluoranthene	19.41	202	1397954	45.438	ng		98
77) Benzidine	19.59	184	285763	20.467	ng		98
78) Pyrene	19.77	202	1392843	49.149	ng		98
80) Butylbenzylphthalate	20.66	149	570051	46.603	ng		99
81) Benzo(a)anthracene	21.60	228	1303384	47.064	ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	302889	27.882	ng		100
83) Chrysene	21.67	228	1228006	46.116	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	782100	46.513	ng		98
85) Di-n-octyl phthalate	22.71	149	1325466	45.897	ng		100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1614748	46.372	ng	#	95
88) Benzo(b)fluoranthene	23.78	252	1375957	47.424	ng		98
89) Benzo(k)fluoranthene	23.85	252	1332111	48.870	ng		98
90) Benzo(a)pyrene	24.63	252	1259378	46.607	ng		97
91) Dibenzo(a,h)anthracene	28.43	278	1314345	48.404	ng		99
92) Benzo(g,h,i)perylene	29.48	276	1337917	49.265	ng		97

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

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