Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070220\
Data File : BG045935.D
Acq On : 3 Jul 2020 6:07
Operator : CG/JU
Sample : L3197-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-1-COMPMS

Manual Integrations APPROVED
Sohil
7/7/2020 8:19:39 AM

Quant Time: Jul 04 00:24:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	45763	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	173439	20.00	ng		0.00
39) Acenaphthene-d10	14.51	164	127054	20.00	ng		0.00
64) Phenanthrene-d10	17.26	188	311557	20.00	ng		0.00
76) Chrysene-d12	21.51	240	310064	20.00	ng		0.00
86) Perylene-d12	24.59	264	328106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	384008	141.75	ng		0.00
7) Phenol-d6	7.07	99	500769	121.52	ng		0.00
23) Nitrobenzene-d5	9.02	82	391729	103.18	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	291059	151.74	ng		0.00
45) 2-Fluorobiphenyl	13.13	172	859848	99.45	ng		0.00
79) Terphenyl-d14	19.89	244	1638593	107.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	49772	40.113	ng	#	41
3) Pyridine	3.70	79	118704	32.284	ng		95
4) n-Nitrosodimethylamine	3.60	42	62857	50.930	ng		97
6) Aniline	7.18	93	148741	30.655	ng		99
8) 2-Chlorophenol	7.43	128	146097	50.382	ng		98
9) Benzaldehyde	6.99	77	52397	21.170	ng		96
10) Phenol	7.10	94	169179	42.371	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	141128	46.535	ng		99
12) 1,3-Dichlorobenzene	7.74	146	159098	46.040	ng		99
13) 1,4-Dichlorobenzene	7.89	146	164277	47.593	ng		97
14) 1,2-Dichlorobenzene	8.21	146	152887	46.267	ng		99
15) Benzyl Alcohol	8.11	79	151862	47.622	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.39	45	137511	48.110	ng		98
17) 2-Methylphenol	8.34	107	131360	44.208	ng		98
18) Hexachloroethane	8.94	117	63018	48.070	ng		99
19) n-Nitroso-di-n-propylamine	8.67	70	132077	48.752	ng	#	98
20) 3+4-Methylphenols	8.67	107	169550	43.387	ng		95
22) Acetophenone	8.68	105	230804	48.484	ng	#	98
24) Nitrobenzene	9.06	77	198286	48.983	ng		98
25) Isophorone	9.58	82	361098	49.131	ng		100
26) 2-Nitrophenol	9.78	139	85291	50.574	ng		94
27) 2,4-Dimethylphenol	9.86	122	136846	53.148	ng		100
28) bis(2-Chloroethoxy)methane	10.07	93	195847	51.013	ng		95
29) 2,4-Dichlorophenol	10.33	162	150457	50.085	ng		91
30) 1,2,4-Trichlorobenzene	10.53	180	172592	48.531	ng		98
31) Naphthalene	10.71	128	457392	48.237	ng		97
32) Benzoic acid	10.06	122	50602	33.613	ng		97
33) 4-Chloroaniline	10.83	127	56121	14.133	ng		97
34) Hexachlorobutadiene	11.00	225	117405	46.420	ng		97
35) Caprolactam	11.60	113	45146m	46.441	ng		
36) 4-Chloro-3-methylphenol	11.99	107	180197	51.953	ng		98
37) 2-Methylnaphthalene	12.33	142	350871	49.693	ng		99
38) 1-Methylnaphthalene	12.55	142	337313	50.483	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	197125	47.119	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 14:02:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.68	237	187227	80.912	ng		100
43) 2,4,6-Trichlorophenol	12.95	196	128610	45.341	ng		97
44) 2,4,5-Trichlorophenol	13.05	196	136827	42.325	ng		97
46) 1,1'-Biphenyl	13.34	154	444579	48.874	ng		99
47) 2-Chloronaphthalene	13.38	162	345829	47.065	ng		99
48) 2-Nitroaniline	13.59	65	125011	51.147	ng		98
49) Acenaphthylene	14.23	152	574929	48.849	ng		98
50) Dimethylphthalate	13.97	163	493008	49.532	ng	#	99
51) 2,6-Dinitrotoluene	14.09	165	110781	49.554	ng		87
52) Acenaphthene	14.58	154	348168	48.804	ng		98
53) 3-Nitroaniline	14.43	138	73267	32.812	ng		96
54) 2,4-Dinitrophenol	14.64	184	114836	90.838	ng		95
55) Dibenzofuran	14.91	168	573787	49.510	ng		98
56) 4-Nitrophenol	14.79	139	121401	76.088	ng		98
57) 2,4-Dinitrotoluene	14.89	165	160623	50.147	ng		98
58) Fluorene	15.56	166	487291	50.566	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	133586	47.610	ng		97
60) Diethylphthalate	15.34	149	518725	50.980	ng		99
61) 4-Chlorophenyl-phenylether	15.56	204	267991	48.249	ng		99
62) 4-Nitroaniline	15.60	138	115353	50.335	ng		96
63) Azobenzene	15.85	77	511516	52.356	ng		98
65) 4,6-Dinitro-2-methylphenol	15.66	198	98756	51.291	ng		97
66) n-Nitrosodiphenylamine	15.77	169	428681	48.578	ng		98
67) 4-Bromophenyl-phenylether	16.45	248	185745	45.883	ng		92
68) Hexachlorobenzene	16.58	284	208029	49.556	ng		100
69) Atrazine	16.73	200	166562	48.641	ng		97
70) Pentachlorophenol	16.93	266	142544	69.916	ng		92
71) Phenanthrene	17.31	178	803747	50.021	ng		98
72) Anthracene	17.39	178	815267	50.952	ng		99
73) Carbazole	17.67	167	773110	50.744	ng		99
74) Di-n-butylphthalate	18.23	149	936761	51.928	ng		98
75) Fluoranthene	19.32	202	1029761	52.117	ng		99
77) Benzidine	19.51	184	108190m	13.422	ng		
78) Pyrene	19.68	202	1015579	48.913	ng		99
80) Butylbenzylphthalate	20.57	149	428804	49.340	ng		98
81) Benzo(a)anthracene	21.50	228	990233	49.259	ng		99
82) 3,3'-Dichlorobenzidine	21.41	252	289084	38.018	ng		94
83) Chrysene	21.56	228	970715	49.924	ng		98
84) Bis(2-ethylhexyl)phthalate	21.41	149	608340	50.323	ng		100
85) Di-n-octyl phthalate	22.57	149	1053585	50.527	ng		100
87) Indeno(1,2,3-cd)pyrene	28.10	276	1260540	52.994	ng	#	96
88) Benzo(b)fluoranthene	23.62	252	1066102	51.823	ng		99
89) Benzo(k)fluoranthene	23.69	252	1051261	53.393	ng		100
90) Benzo(a)pyrene	24.45	252	983420	51.174	ng		100
91) Dibenzo(a,h)anthracene	28.15	278	1033598	54.188	ng		99
92) Benzo(g,h,i)perylene	29.18	276	1013342	53.077	ng		97

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

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