Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043827.D
Acq On : 17 Dec 2019 19:59
Operator : JU
Sample : K6294-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MS

Manual Integrations APPROVED
mohammad
12/18/2019 2:40:47 PM

Quant Time: Dec 18 11:06:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	109871	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	512871	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	391192	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	895565	20.00	ng		0.00
76) Chrysene-d12	21.63	240	750500	20.00	ng		0.00
87) Perylene-d12	24.79	264	858018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	765701	132.05	ng		0.00
7) Phenol-d6	7.17	99	1146257	137.06	ng		0.01
23) Nitrobenzene-d5	9.16	82	648886	71.04	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	467180	125.27	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1526845	68.56	ng		0.00
79) Terphenyl-d14	19.98	244	2334716	74.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	101909	37.950	ng		99
3) Pyridine	3.87	79	262229	35.339	ng		98
4) n-Nitrosodimethylamine	3.79	42	145484	40.891	ng		99
6) Aniline	7.32	93	255836	23.120	ng		96
8) 2-Chlorophenol	7.57	128	349000	51.645	ng		97
9) Benzaldehyde	7.14	77	114645	21.184	ng		94
10) Phenol	7.19	94	484885	56.160	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	319272	43.579	ng		99
12) 1,3-Dichlorobenzene	7.89	146	340126	42.000	ng		99
13) 1,4-Dichlorobenzene	8.04	146	344834	42.600	ng		99
14) 1,2-Dichlorobenzene	8.36	146	329024	42.187	ng		97
15) Benzyl Alcohol	8.23	79	324936	48.824	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	487526	41.521	ng		98
17) 2-Methylphenol	8.45	107	319071	51.770	ng		99
18) Hexachloroethane	9.09	117	124779	42.421	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	274250	42.895	ng		98
20) 3+4-Methylphenols	8.77	107	455319	53.055	ng		98
22) Acetophenone	8.82	105	511944	40.025	ng	#	99
24) Nitrobenzene	9.20	77	393227	42.263	ng		98
25) Isophorone	9.73	82	765524	41.963	ng		100
26) 2-Nitrophenol	9.91	139	192434	52.045	ng		97
27) 2,4-Dimethylphenol	9.98	122	335993	52.120	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	480803	41.175	ng		99
29) 2,4-Dichlorophenol	10.45	162	397483	50.210	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	372778	39.779	ng		99
31) Naphthalene	10.85	128	1057346	42.965	ng		100
32) Benzoic acid	10.11	122	235976	50.964	ng		97
33) 4-Chloroaniline	10.95	127	147443	12.357	ng		96
34) Hexachlorobutadiene	11.15	225	213702	37.636	ng		97
35) Caprolactam	11.72	113	156318m	50.314	ng		
36) 4-Chloro-3-methylphenol	12.08	107	442926	51.971	ng		98
37) 2-Methylnaphthalene	12.46	142	840215	44.050	ng		99
38) 1-Methylnaphthalene	12.68	142	802838	44.263	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	445404	37.891	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	498939	90.430	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	352614	47.195	ng		95
44) 2,4,5-Trichlorophenol	13.13	196	383434	48.985	ng		98
46) 1,1'-Biphenyl	13.46	154	1113654	41.294	ng		99
47) 2-Chloronaphthalene	13.50	162	888445	40.297	ng		98
48) 2-Nitroaniline	13.70	65	294505	45.293	ng		95
49) Acenaphthylene	14.35	152	1440819	43.870	ng		98
50) Dimethylphthalate	14.09	163	1287199	46.101	ng		99
51) 2,6-Dinitrotoluene	14.19	165	287648	47.805	ng		98
52) Acenaphthene	14.69	154	1030111	47.677	ng		97
53) 3-Nitroaniline	14.52	138	145393	21.115	ng		96
54) 2,4-Dinitrophenol	14.73	184	286380	103.645	ng		90
55) Dibenzofuran	15.03	168	1396252	43.657	ng		98
56) 4-Nitrophenol	14.84	139	509001	101.325	ng		97
57) 2,4-Dinitrotoluene	14.98	165	394289	48.496	ng		94
58) Fluorene	15.68	166	1141243	44.270	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	349903m	49.821	ng		
60) Diethylphthalate	15.45	149	1198141	42.960	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	615016	42.599	ng		99
62) 4-Nitroaniline	15.68	138	303977	42.607	ng		96
63) Azobenzene	15.96	77	1124803	43.900	ng		100
65) 4,6-Dinitro-2-methylphenol	15.75	198	205667	57.243	ng		98
66) n-Nitrosodiphenylamine	15.88	169	1083402	43.526	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	403756	42.169	ng		98
68) Hexachlorobenzene	16.68	284	414655	40.832	ng		99
69) Atrazine	16.83	200	370972	46.750	ng		99
70) Pentachlorophenol	17.02	266	529924	98.100	ng		98
71) Phenanthrene	17.41	178	1819828	42.924	ng		100
72) Anthracene	17.51	178	1860252	44.326	ng		98
73) Carbazole	17.77	167	1708711	43.556	ng		98
74) Di-n-butylphthalate	18.34	149	1939406	43.123	ng		99
75) Fluoranthene	19.42	202	2087862	43.028	ng		98
77) Benzidine	19.60	184	399350	24.391	ng		99
78) Pyrene	19.78	202	2107662	42.973	ng		97
80) Butylbenzylphthalate	20.68	149	944559	46.241	ng		96
81) Benzo(a)anthracene	21.61	228	2017610	42.595	ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	477848	27.309	ng		99
83) Chrysene	21.68	228	1951481	43.243	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1304653	44.528	ng		98
85) Di-n-octyl phthalate	22.74	149	2226539	46.484	ng		100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2411278	41.746	ng	#	94
88) Benzo(b)fluoranthene	23.79	252	2080576	42.116	ng		99
89) Benzo(k)fluoranthene	23.86	252	2094821	43.896	ng		98
90) Benzo(a)pyrene	24.64	252	2081822	44.220	ng		98
91) Dibenzo(a,h)anthracene	28.44	278	1961420	41.711	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1865858	40.209	ng		100

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

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