Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
Data File : BG041785.D
Acq On : 29 Jul 2019 11:03
Operator : HP/JU
Sample : PB121703BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121703BS

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:22 PM

Quant Time: Jul 30 08:02:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 12:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	100884	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	402836	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	295946	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	658261	20.00	ng		0.00
76) Chrysene-d12	21.74	240	637210	20.00	ng		0.00
87) Perylene-d12	25.02	264	749994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	656957	126.70	ng		0.00
7) Phenol-d6	7.20	99	903158	129.20	ng		0.00
23) Nitrobenzene-d5	9.22	82	513175	87.67	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	451584	134.34	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1403730	83.66	ng		0.00
79) Terphenyl-d14	20.07	244	2225230	79.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	68088	27.899	ng		95
3) Pyridine	3.87	79	192082	28.701	ng		91
4) n-Nitrosodimethylamine	3.78	42	95019	35.815	ng		94
6) Aniline	7.37	93	289289	29.390	ng		95
8) 2-Chlorophenol	7.61	128	249231	41.976	ng		94
9) Benzaldehyde	7.18	77	38800	7.888	ng		88
10) Phenol	7.23	94	307343	42.261	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	219763	36.757	ng		93
12) 1,3-Dichlorobenzene	7.94	146	274138	35.376	ng		97
13) 1,4-Dichlorobenzene	8.09	146	276207	35.621	ng		98
14) 1,2-Dichlorobenzene	8.41	146	266220	35.981	ng		96
15) Benzyl Alcohol	8.29	79	218078	39.654	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	381545	35.870	ng		96
17) 2-Methylphenol	8.49	107	221853	41.946	ng		99
18) Hexachloroethane	9.15	117	96082	36.184	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	189081	37.256	ng		92
20) 3+4-Methylphenols	8.82	107	300009	41.451	ng		98
22) Acetophenone	8.88	105	362883	40.273	ng	#	93
24) Nitrobenzene	9.26	77	265101	42.987	ng		98
25) Isophorone	9.79	82	513948	40.360	ng		99
26) 2-Nitrophenol	9.97	139	135977	47.508	ng		95
27) 2,4-Dimethylphenol	10.03	122	249037	49.299	ng		100
28) bis(2-Chloroethoxy)methane	10.27	93	311766	39.178	ng		99
29) 2,4-Dichlorophenol	10.51	162	280663	45.624	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	301585	38.660	ng		97
31) Naphthalene	10.93	128	745387	40.430	ng		98
32) Benzoic acid	10.17	122	143064	41.163	ng		97
33) 4-Chloroaniline	11.03	127	197197	22.554	ng		95
34) Hexachlorobutadiene	11.22	225	196572	37.336	ng		97
35) Caprolactam	11.79	113	96484m	45.131	ng		
36) 4-Chloro-3-methylphenol	12.15	107	280808	46.043	ng		94
37) 2-Methylnaphthalene	12.54	142	607739	41.645	ng		99
38) 1-Methylnaphthalene	12.75	142	578066	41.799	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	373110	39.828	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	475418	90.265	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	253451	42.806	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	276645	44.961	ng		95
46) 1,1'-Biphenyl	13.54	154	785147	41.271	ng		97
47) 2-Chloronaphthalene	13.58	162	629460	38.862	ng		97
48) 2-Nitroaniline	13.78	65	178082	43.351	ng		91
49) Acenaphthylene	14.43	152	1002636	41.383	ng		98
50) Dimethylphthalate	14.16	163	842836	41.700	ng		99
51) 2,6-Dinitrotoluene	14.27	165	197066	46.628	ng		90
52) Acenaphthene	14.77	154	701686	44.529	ng		99
53) 3-Nitroaniline	14.60	138	136659	30.225	ng	#	87
54) 2,4-Dinitrophenol	14.80	184	217868	83.566	ng		89
55) Dibenzofuran	15.10	168	992914	41.195	ng		96
56) 4-Nitrophenol	14.90	139	330459	96.286	ng		96
57) 2,4-Dinitrotoluene	15.06	165	273878	47.122	ng		94
58) Fluorene	15.76	166	803811	41.557	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	282144	46.299	ng		94
60) Diethylphthalate	15.53	149	842631	42.464	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	480204	40.666	ng		95
62) 4-Nitroaniline	15.77	138	201383	41.121	ng		97
63) Azobenzene	16.04	77	666953	41.145	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	148022	46.238	ng		86
66) n-Nitrosodiphenylamine	15.96	169	760095	42.391	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	327794	40.426	ng		97
68) Hexachlorobenzene	16.77	284	330312	38.939	ng		94
69) Atrazine	16.91	200	304038	43.156	ng		100
70) Pentachlorophenol	17.11	266	442762	91.879	ng		97
71) Phenanthrene	17.50	178	1324448	41.976	ng		97
72) Anthracene	17.59	178	1371703	43.590	ng		96
73) Carbazole	17.85	167	1220844	43.225	ng		96
74) Di-n-butylphthalate	18.42	149	1394075	43.538	ng		97
75) Fluoranthene	19.51	202	1651652	43.065	ng		94
77) Benzidine	19.68	184	708354	34.058	ng		98
78) Pyrene	19.87	202	1637379	43.370	ng		95
80) Butylbenzylphthalate	20.76	149	647519	44.734	ng		90
81) Benzo(a)anthracene	21.72	228	1571503	41.684	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	464156	30.665	ng		97
83) Chrysene	21.79	228	1556402	43.068	ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	893192	44.734	ng		97
85) Di-n-octyl phthalate	22.88	149	1528755	45.495	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2048795	42.827	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	1750642m	42.669	ng		
89) Benzo(k)fluoranthene	24.05	252	1723413	43.123	ng	#	98
90) Benzo(a)pyrene	24.86	252	1735007	44.093	ng	#	96
91) Dibenzo(a,h)anthracene	28.84	278	1683203	43.565	ng	#	96
92) Benzo(g,h,i)perylene	29.93	276	1711492	44.338	ng		96

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

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