Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043087.D
Acq On : 8 Oct 2019 16:05
Operator : JU
Sample : K5140-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-100219MS

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:48 AM

Quant Time: Oct 09 02:12:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49325	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	189625	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	146585	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	378214	20.00	ng		0.00
76) Chrysene-d12	21.69	240	411652	20.00	ng		0.00
87) Perylene-d12	24.90	264	462663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	336440	121.73	ng		0.00
7) Phenol-d6	7.23	99	491934	123.60	ng		0.00
23) Nitrobenzene-d5	9.22	82	287930	73.80	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	346710	137.55	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	762492	75.41	ng		0.00
79) Terphenyl-d14	20.03	244	1749129	90.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	36995	32.104	ng	#	48
3) Pyridine	3.96	79	22829	7.044	ng		98
4) n-Nitrosodimethylamine	3.85	42	60432	38.773	ng	#	79
6) Aniline	7.40	93	45430	9.456	ng		97
8) 2-Chlorophenol	7.63	128	122830	42.614	ng		96
9) Benzaldehyde	7.20	77	75873	31.196	ng		94
10) Phenol	7.26	94	179868	49.256	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	108333	38.343	ng		96
12) 1,3-Dichlorobenzene	7.95	146	132035	35.908	ng		97
13) 1,4-Dichlorobenzene	8.09	146	136510	37.242	ng		99
14) 1,2-Dichlorobenzene	8.41	146	127027	36.400	ng		93
15) Benzyl Alcohol	8.30	79	117538	39.279	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	155278	28.617	ng		97
17) 2-Methylphenol	8.51	107	108653	42.524	ng		96
18) Hexachloroethane	9.14	117	48382	35.047	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	97240	37.207	ng		92
20) 3+4-Methylphenols	8.83	107	153713	43.899	ng		96
22) Acetophenone	8.88	105	185580	37.967	ng	#	96
24) Nitrobenzene	9.26	77	145504	39.101	ng		94
25) Isophorone	9.78	82	279580	40.798	ng		99
26) 2-Nitrophenol	9.97	139	72555	45.801	ng		94
27) 2,4-Dimethylphenol	10.03	122	124910	51.344	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	150913	38.814	ng		97
29) 2,4-Dichlorophenol	10.51	162	137501	45.445	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	146426	37.475	ng		98
31) Naphthalene	10.91	128	376963	40.384	ng		99
32) Benzoic acid	10.18	122	81221	43.728	ng		99
33) 4-Chloroaniline	11.04	127	27940	6.898	ng	#	90
34) Hexachlorobutadiene	11.20	225	103362	35.330	ng		97
35) Caprolactam	11.79	113	51313m	48.091	ng		
36) 4-Chloro-3-methylphenol	12.15	107	161415	49.066	ng		94
37) 2-Methylnaphthalene	12.51	142	291828	40.981	ng		96
38) 1-Methylnaphthalene	12.73	142	278578	41.343	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	189429	34.370	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	235092	66.946	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	134365	41.652	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	151383	45.554	ng		98
46) 1,1'-Biphenyl	13.51	154	411840	37.049	ng		98
47) 2-Chloronaphthalene	13.56	162	323868	38.859	ng		97
48) 2-Nitroaniline	13.76	65	114758	41.406	ng		91
49) Acenaphthylene	14.40	152	525332	41.193	ng		98
50) Dimethylphthalate	14.13	163	562093	51.178	ng		98
51) 2,6-Dinitrotoluene	14.25	165	105492	45.103	ng		97
52) Acenaphthene	14.75	154	326903	38.297	ng		97
53) 3-Nitroaniline	14.59	138	66592	27.550	ng		97
54) 2,4-Dinitrophenol	14.79	184	147264	101.294	ng		93
55) Dibenzofuran	15.07	168	532824	42.196	ng		100
56) 4-Nitrophenol	14.90	139	180689	98.109	ng		96
57) 2,4-Dinitrotoluene	15.03	165	158275	46.210	ng		98
58) Fluorene	15.73	166	460822	42.745	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	160884m	45.469	ng		
60) Diethylphthalate	15.49	149	484521	43.348	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	264227	40.867	ng		98
62) 4-Nitroaniline	15.75	138	119985	45.514	ng		97
63) Azobenzene	16.01	77	414925	40.773	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	104691	48.917	ng		92
66) n-Nitrosodiphenylamine	15.93	169	423171	42.384	ng		100
67) 4-Bromophenyl-phenylether	16.61	248	191521	40.346	ng		97
68) Hexachlorobenzene	16.73	284	217072	41.070	ng		98
69) Atrazine	16.88	200	170714	40.604	ng		97
70) Pentachlorophenol	17.08	266	286853	94.056	ng		99
71) Phenanthrene	17.47	178	787656	42.658	ng		99
72) Anthracene	17.55	178	806245	43.738	ng		100
73) Carbazole	17.82	167	744840	43.574	ng		99
74) Di-n-butylphthalate	18.38	149	872610	42.786	ng		99
75) Fluoranthene	19.47	202	1053589	43.140	ng		99
77) Benzidine	19.66	184	21410	2.077	ng		99
78) Pyrene	19.83	202	1057712	43.049	ng		99
80) Butylbenzylphthalate	20.71	149	401352	43.035	ng		96
81) Benzo(a)anthracene	21.67	228	1079770	42.097	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	312322	31.046	ng		99
83) Chrysene	21.74	228	1042486	41.882	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	575291	43.351	ng		98
85) Di-n-octyl phthalate	22.79	149	958177	44.155	ng		96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1365690	44.073	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	1133036	43.281	ng		99
89) Benzo(k)fluoranthene	23.96	252	1134097	43.791	ng		99
90) Benzo(a)pyrene	24.76	252	1119419	45.323	ng		98
91) Dibenzo(a,h)anthracene	28.63	278	1154999	45.604	ng		100
92) Benzo(g,h,i)perylene	29.72	276	1134603	46.236	ng		97

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

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