Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043072.D
Acq On : 7 Oct 2019 17:53
Operator : JU
Sample : K5140-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-100219MSD

Manual Integrations APPROVED
mohammad
10/8/2019 12:22:49 PM

Quant Time: Oct 08 11:26:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44838	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	171048	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	58231	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	321833	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	194370	20.00	ng		-0.02
87) Perylene-d12	24.95	264	81	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	371968	148.05	ng		-0.01
7) Phenol-d6	7.23	99	338338	93.51	ng		-0.01
23) Nitrobenzene-d5	9.22	82	338096	96.07	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	392485	391.97	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	884105	220.10	ng		-0.02
79) Terphenyl-d14	20.03	244	1854636	203.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	41745	39.851	ng	#	46
4) n-Nitrosodimethylamine	3.85	42	51574	36.401	ng	#	82
8) 2-Chlorophenol	7.63	128	141375	53.956	ng		99
9) Benzaldehyde	7.20	77	40628	18.376	ng		82
10) Phenol	7.26	94	137506	41.424	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	120615	46.962	ng		95
12) 1,3-Dichlorobenzene	7.95	146	147402	44.099	ng		97
13) 1,4-Dichlorobenzene	8.10	146	151897	45.586	ng		96
14) 1,2-Dichlorobenzene	8.41	146	147762	46.579	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	182465	36.993	ng		97
17) 2-Methylphenol	8.51	107	77329	33.293	ng		95
18) Hexachloroethane	9.15	117	54681	43.574	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	134180	56.479	ng		95
20) 3+4-Methylphenols	8.83	107	106400	33.427	ng		94
22) Acetophenone	8.88	105	226201	51.303	ng	#	95
24) Nitrobenzene	9.26	77	172055	51.257	ng		97
25) Isophorone	9.78	82	381208	61.669	ng		97
26) 2-Nitrophenol	9.97	139	83466	58.411	ng		93
27) 2,4-Dimethylphenol	10.03	122	94482	43.055	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	14209	4.051	ng	#	87
29) 2,4-Dichlorophenol	10.52	162	166189	60.892	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	168674	47.858	ng		96
31) Naphthalene	10.91	128	444211	52.756	ng		99
32) Benzoic acid	10.19	122	103576	58.146	ng		92
34) Hexachlorobutadiene	11.20	225	117772	44.628	ng		97
35) Caprolactam	12.00	113	48911m	50.818	ng		
36) 4-Chloro-3-methylphenol	12.14	107	146964	49.525	ng		93
37) 2-Methylnaphthalene	12.51	142	341029	53.091	ng		97
38) 1-Methylnaphthalene	12.73	142	325805	53.603	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	223923	102.274	ng		99
41) Hexachlorocyclopentadiene	12.86	237	284627	204.032	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	161328	125.891	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	172706	130.825	ng		97
46) 1,1'-Biphenyl	13.51	154	485073	109.846	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.56	162	385262	116.365	ng		98
48) 2-Nitroaniline	13.78	65	31982	29.048	ng		95
49) Acenaphthylene	14.41	152	97877	19.320	ng		97
50) Dimethylphthalate	14.14	163	593233	135.968	ng		98
51) 2,6-Dinitrotoluene	14.25	165	128341	138.129	ng		86
52) Acenaphthene	14.74	154	189157	55.783	ng		97
54) 2,4-Dinitrophenol	14.79	184	182605	316.179	ng		96
55) Dibenzofuran	15.08	168	619678	123.535	ng		100
56) 4-Nitrophenol	14.91	139	173580	237.253	ng		99
57) 2,4-Dinitrotoluene	15.03	165	188928	138.853	ng	#	98
58) Fluorene	15.73	166	496812	116.007	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	180944	128.731	ng		99
60) Diethylphthalate	15.49	149	502131	113.085	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	308962	120.292	ng		100
62) 4-Nitroaniline	15.81	138	11133	10.631	ng		95
63) Azobenzene	16.01	77	43575	10.779	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	126024	69.201	ng		95
67) 4-Bromophenyl-phenylether	16.61	248	222748	55.145	ng		96
68) Hexachlorobenzene	16.73	284	250758	55.755	ng		97
70) Pentachlorophenol	17.08	266	335753	129.376	ng		100
71) Phenanthrene	17.47	178	869217	55.322	ng		97
72) Anthracene	17.55	178	600196	38.264	ng		99
74) Di-n-butylphthalate	18.38	149	888753	51.212	ng		99
75) Fluoranthene	19.47	202	812949	39.118	ng		99
78) Pyrene	19.83	202	167038	14.398	ng		98
80) Butylbenzylphthalate	20.72	149	40648	9.231	ng		90
81) Benzo(a)anthracene	21.67	228	627692	51.828	ng		97
83) Chrysene	21.74	228	830129	70.632	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	596872	95.257	ng		98
85) Di-n-octyl phthalate	22.79	149	972992	94.962	ng		96
86) Indeno(1,2,3-cd)pyrene	28.62	276	157983	10.798	ng	#	90
88) Benzo(b)fluoranthene	23.88	252	571008m	124587.434	ng		
89) Benzo(k)fluoranthene	23.95	252	175335	38670.775	ng		99
90) Benzo(a)pyrene	24.76	252	124220	28727.562	ng	#	95
91) Dibenzo(a,h)anthracene	28.62	278	442798	99864.581	ng		99
92) Benzo(g,h,i)perylene	29.71	276	98906	23021.885	ng	#	96

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

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