Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043054.D
Acq On : 5 Oct 2019 14:16
Operator : JU
Sample : K5168-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Manual Integrations APPROVED
mohammad
10/7/2019 4:39:02 PM

Quant Time: Oct 07 08:55:38 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	62956	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	237908	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	171071	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	406565	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	439022	20.00	ng		-0.02
87) Perylene-d12	24.92	264	512325	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	412894	117.04	ng		-0.01
7) Phenol-d6	7.24	99	594861	117.10	ng		0.00
23) Nitrobenzene-d5	9.22	82	368125	75.21	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	349974	118.97	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	831660	70.48	ng		-0.01
79) Terphenyl-d14	20.03	244	1488489	72.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50781	34.526	ng		90
3) Pyridine	3.94	79	127800	30.894	ng		93
4) n-Nitrosodimethylamine	3.85	42	78133	39.276	ng		86
6) Aniline	7.39	93	222340	36.257	ng		99
8) 2-Chlorophenol	7.63	128	180688	49.114	ng		98
9) Benzaldehyde	7.19	77	113670	36.617	ng		89
10) Phenol	7.27	94	247184	53.034	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	152346	42.246	ng		94
12) 1,3-Dichlorobenzene	7.95	146	194737	41.494	ng		95
13) 1,4-Dichlorobenzene	8.09	146	198954	42.525	ng		97
14) 1,2-Dichlorobenzene	8.42	146	188268	42.268	ng		95
15) Benzyl Alcohol	8.30	79	175922	46.060	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	237971	34.361	ng		97
17) 2-Methylphenol	8.51	107	154695	47.435	ng		96
18) Hexachloroethane	9.15	117	71062	40.331	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	140800	42.210	ng		92
20) 3+4-Methylphenols	8.84	107	215361	48.188	ng		97
22) Acetophenone	8.88	105	270275	44.072	ng	#	95
24) Nitrobenzene	9.26	77	214107	45.859	ng		97
25) Isophorone	9.79	82	393090	45.720	ng		98
26) 2-Nitrophenol	9.97	139	103741	52.197	ng		97
27) 2,4-Dimethylphenol	10.04	122	171069	56.047	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	219290	44.954	ng		100
29) 2,4-Dichlorophenol	10.51	162	199012	52.426	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	220425	44.965	ng		98
31) Naphthalene	10.91	128	552199	47.151	ng		99
32) Benzoic acid	10.19	122	100752	43.319	ng		95
33) 4-Chloroaniline	11.02	127	142383	28.018	ng		96
34) Hexachlorobutadiene	11.20	225	158335	43.137	ng		95
35) Caprolactam	11.80	113	63341m	47.316	ng		
36) 4-Chloro-3-methylphenol	12.15	107	212210	51.415	ng		94
37) 2-Methylnaphthalene	12.51	142	424037	47.462	ng		96
38) 1-Methylnaphthalene	12.74	142	400070	47.324	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	279355	43.431	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	359777	87.787	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	187196	49.723	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	196956	50.784	ng		98
46) 1,1'-Biphenyl	13.52	154	579618	44.678	ng		98
47) 2-Chloronaphthalene	13.56	162	449826	46.247	ng		99
48) 2-Nitroaniline	13.76	65	148502	45.912	ng		89
49) Acenaphthylene	14.40	152	719956	48.374	ng		99
50) Dimethylphthalate	14.14	163	728076	56.802	ng		99
51) 2,6-Dinitrotoluene	14.25	165	139871	51.242	ng		89
52) Acenaphthene	14.74	154	444895	44.659	ng		99
53) 3-Nitroaniline	14.59	138	97580	34.591	ng		92
54) 2,4-Dinitrophenol	14.79	184	139205	82.045	ng		94
55) Dibenzofuran	15.08	168	704898	47.833	ng		99
56) 4-Nitrophenol	14.90	139	215140	100.095	ng		99
57) 2,4-Dinitrotoluene	15.04	165	192368	48.125	ng		94
58) Fluorene	15.73	166	590206	46.911	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	200220m	48.487	ng		
60) Diethylphthalate	15.50	149	590896	45.298	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	346859	45.969	ng		100
62) 4-Nitroaniline	15.76	138	140532	45.678	ng		98
63) Azobenzene	16.01	77	523631	44.091	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	114302	49.683	ng		96
66) n-Nitrosodiphenylamine	15.93	169	532009	49.569	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	241631	47.353	ng		97
68) Hexachlorobenzene	16.74	284	266735	46.947	ng		95
69) Atrazine	16.88	200	202351	44.773	ng		97
70) Pentachlorophenol	17.08	266	313911	95.751	ng		99
71) Phenanthrene	17.47	178	958704	48.301	ng		97
72) Anthracene	17.56	178	959407	48.418	ng		97
73) Carbazole	17.83	167	876322	47.691	ng		99
74) Di-n-butylphthalate	18.38	149	1005743	45.875	ng		99
75) Fluoranthene	19.47	202	1282075	48.835	ng		99
77) Benzidine	19.65	184	546793	49.742	ng		98
78) Pyrene	19.83	202	1281674	48.912	ng		99
80) Butylbenzylphthalate	20.72	149	467056	46.958	ng		97
81) Benzo(a)anthracene	21.68	228	1296127	47.382	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	381341	35.543	ng		99
83) Chrysene	21.74	228	1256809	47.344	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	681349	48.142	ng		100
85) Di-n-octyl phthalate	22.79	149	1156197	49.959	ng		97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1675829	50.710	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	1410958	48.673	ng		99
89) Benzo(k)fluoranthene	23.96	252	1362077	47.496	ng		100
90) Benzo(a)pyrene	24.76	252	1370154	50.098	ng		100
91) Dibenzo(a,h)anthracene	28.65	278	1406163	50.140	ng		98
92) Benzo(g,h,i)perylene	29.73	276	1388289	51.090	ng		98

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

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