Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042884.D
Acq On : 18 Sep 2019 1:45
Operator : HP/JU
Sample : K4871-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VE-4-11MSD

Manual Integrations APPROVED
mohammad
9/18/2019 2:18:49 PM

Quant Time: Sep 18 03:09:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66627	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	270184	20.00	ng		-0.02
39) Acenaphthene-d10	14.72	164	186839	20.00	ng		-0.02
64) Phenanthrene-d10	17.47	188	399640	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	362483	20.00	ng		0.00
87) Perylene-d12	25.02	264	386384	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	246298	64.27	ng		0.02
7) Phenol-d6	7.30	99	247056	44.91	ng		0.03
23) Nitrobenzene-d5	9.27	82	501490	96.63	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	381151	153.33	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1132895	95.98	ng		-0.02
79) Terphenyl-d14	20.08	244	1604146	98.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	17101	9.778	ng	#	80
3) Pyridine	4.03	79	31730	6.025	ng		95
4) n-Nitrosodimethylamine	3.91	42	34165	13.333	ng		88
6) Aniline	7.44	93	109198	14.714	ng		96
8) 2-Chlorophenol	7.68	128	162416	39.207	ng		96
9) Benzaldehyde	7.25	77	82551	23.062	ng		95
10) Phenol	7.33	94	114780	20.347	ng		96
11) bis(2-Chloroethyl)ether	7.53	93	180190	41.620	ng		99
12) 1,3-Dichlorobenzene	8.00	146	177755	35.181	ng		98
13) 1,4-Dichlorobenzene	8.14	146	183858	36.346	ng		98
14) 1,2-Dichlorobenzene	8.46	146	177505	36.863	ng		98
15) Benzyl Alcohol	8.36	79	109772	23.254	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	381232	40.099	ng		98
17) 2-Methylphenol	8.57	107	127299	33.731	ng		93
18) Hexachloroethane	9.19	117	65979	35.329	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	169605	41.844	ng		98
20) 3+4-Methylphenols	8.90	107	153645	29.534	ng		97
22) Acetophenone	8.94	105	303207	44.435	ng		97
24) Nitrobenzene	9.32	77	257033	47.186	ng		98
25) Isophorone	9.86	82	464171	42.910	ng	#	96
26) 2-Nitrophenol	10.02	139	114905	53.644	ng	#	93
27) 2,4-Dimethylphenol	10.10	122	177855	46.939	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	256963	42.596	ng		99
29) 2,4-Dichlorophenol	10.58	162	212268	48.209	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	217720	40.500	ng		99
31) Naphthalene	10.96	128	572859	42.943	ng		99
32) Benzoic acid	10.21	122	20450	11.808	ng		95
33) 4-Chloroaniline	11.07	127	90014	14.437	ng		95
34) Hexachlorobutadiene	11.25	225	145159	38.540	ng		97
35) Caprolactam	11.96	113	8655	5.286	ng	#	89
36) 4-Chloro-3-methylphenol	12.21	107	211133	44.163	ng		97
37) 2-Methylnaphthalene	12.56	142	449459	44.978	ng		97
38) 1-Methylnaphthalene	12.78	142	422419	45.071	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	303819	49.209	ng		99

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Quant Time: Sep 18 03:09:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	399356	112.911	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	212281	51.645	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	219552	52.148	ng		95
46) 1,1'-Biphenyl	13.56	154	622073	47.560	ng		99
47) 2-Chloronaphthalene	13.61	162	490140	45.299	ng		99
48) 2-Nitroaniline	13.81	65	174153	46.398	ng		98
49) Acenaphthylene	14.45	152	768469	46.476	ng		98
50) Dimethylphthalate	14.19	163	697604	49.841	ng		99
51) 2,6-Dinitrotoluene	14.30	165	147393	51.321	ng		98
52) Acenaphthene	14.79	154	467499	43.278	ng		99
53) 3-Nitroaniline	14.64	138	53591	16.626	ng		96
54) 2,4-Dinitrophenol	14.84	184	177166	125.309	ng	#	72
55) Dibenzofuran	15.12	168	757595	47.184	ng		97
56) 4-Nitrophenol	14.97	139	84218	33.793	ng		90
57) 2,4-Dinitrotoluene	15.08	165	201430	52.619	ng		99
58) Fluorene	15.77	166	629045	47.272	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	218741m	53.596	ng		
60) Diethylphthalate	15.55	149	619290	43.589	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	371011	47.155	ng		99
62) 4-Nitroaniline	15.80	138	114436	32.937	ng		87
63) Azobenzene	16.06	77	602398	44.030	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	133640	78.152	ng		92
66) n-Nitrosodiphenylamine	15.98	169	565055	52.544	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	241813	49.991	ng		96
68) Hexachlorobenzene	16.77	284	253713	49.087	ng		98
69) Atrazine	16.95	200	184662	49.310	ng		99
70) Pentachlorophenol	17.13	266	349144	113.870	ng		94
71) Phenanthrene	17.51	178	935051	48.924	ng		100
72) Anthracene	17.60	178	953011	49.911	ng		99
73) Carbazole	17.88	167	857482	47.249	ng		97
74) Di-n-butylphthalate	18.44	149	951376	43.762	ng		99
75) Fluoranthene	19.52	202	1120841	45.250	ng		98
78) Pyrene	19.88	202	1132104	49.886	ng		98
80) Butylbenzylphthalate	20.78	149	406737	44.285	ng		99
81) Benzo(a)anthracene	21.73	228	1067947	46.337	ng		99
83) Chrysene	21.80	228	1032739	47.306	ng		100
84) Bis(2-ethylhexyl)phthalate	21.64	149	549048	43.751	ng		97
85) Di-n-octyl phthalate	22.88	149	893684	41.774	ng		98
86) Indeno(1,2,3-cd)pyrene	28.76	276	1219704	45.116	ng	#	90
88) Benzo(b)fluoranthene	23.99	252	1066689	47.016	ng	#	97
89) Benzo(k)fluoranthene	24.05	252	1018979	47.546	ng		99
90) Benzo(a)pyrene	24.88	252	1011908	47.633	ng	#	98
91) Dibenzo(a,h)anthracene	28.82	278	1026568	49.132	ng	#	97
92) Benzo(g,h,i)perylene	29.93	276	1004493	49.287	ng	#	95

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

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