Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043344.D
Acq On : 25 Oct 2019 18:01
Operator : JU
Sample : K5153-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-102419

Quant Time: Oct 25 23:31:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37029	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	133050	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	103452	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	250852	20.00	ng		0.00
76) Chrysene-d12	21.66	240	288603	20.00	ng		0.00
87) Perylene-d12	24.86	264	331688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	286093	141.58	ng		0.01
7) Phenol-d6	7.22	99	385959	132.75	ng		0.02
23) Nitrobenzene-d5	9.19	82	241337	93.51	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	267958	136.11	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	657462	87.82	ng		0.00
79) Terphenyl-d14	20.00	244	1407569	91.50	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.93	79	60	0.030	ng	#	20
4) n-Nitrosodimethylamine	3.86	42	197	0.197	ng	#	1
6) Aniline	7.57	93	559	0.167	ng	#	1
8) 2-Chlorophenol	7.59	128	58	0.026	ng	#	1
9) Benzaldehyde	7.21	77	824	0.577	ng	#	7
10) Phenol	7.24	94	10934	4.116	ng	#	68
11) bis(2-Chloroethyl)ether	7.57	93	559	0.272	ng	#	1
15) Benzyl Alcohol	8.35	79	3982	1.950	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	8.54	45	331	0.111	ng		67
18) Hexachloroethane	9.60	117	56	0.055	ng	#	1
22) Acetophenone	8.86	105	85	0.025	ng	#	50
24) Nitrobenzene	9.20	77	543	0.221	ng	#	41
25) Isophorone	9.75	82	339	0.072	ng	#	65
26) 2-Nitrophenol	9.76	139	61	0.051	ng	#	28
27) 2,4-Dimethylphenol	9.54	122	63	0.037	ng	#	11
29) 2,4-Dichlorophenol	10.20	162	58	0.027	ng	#	30
31) Naphthalene	10.78	128	67	0.010	ng	#	68
36) 4-Chloro-3-methylphenol	12.21	107	56	0.024	ng	#	20
37) 2-Methylnaphthalene	12.50	142	67	0.013	ng	#	79
38) 1-Methylnaphthalene	12.50	142	67	0.014	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	13.22	216	63	0.016	ng	#	25
41) Hexachlorocyclopentadiene	13.21	237	53	0.026	ng	#	29
46) 1,1'-Biphenyl	13.48	154	294	0.037	ng	#	54
47) 2-Chloronaphthalene	13.51	162	62	0.010	ng	#	38
48) 2-Nitroaniline	13.71	65	59	0.033	ng	#	6
49) Acenaphthylene	14.00	152	61	0.007	ng	#	59
50) Dimethylphthalate	14.10	163	59266	7.396	ng		96
51) 2,6-Dinitrotoluene	14.10	165	657	0.377	ng	#	22
52) Acenaphthene	14.65	154	435	0.077	ng	#	4
55) Dibenzofuran	15.40	168	80	0.009	ng	#	43
58) Fluorene	16.14	166	6885	0.891	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	15.37	232	56	0.023	ng	#	44
60) Diethylphthalate	15.46	149	213	0.026	ng	#	58
61) 4-Chlorophenyl-phenylether	15.57	204	55	0.012	ng	#	32

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 4-Nitroaniline	15.83	138	68	0.039	ng	#	8
63) Azobenzene	16.14	77	1126	0.173	ng	#	29
65) 4,6-Dinitro-2-methylphenol	16.14	198	664	0.450	ng	#	23
66) n-Nitrosodiphenylamine	16.14	169	7056	0.996	ng	#	47
71) Phenanthrene	17.44	178	594	0.046	ng	#	54
72) Anthracene	17.44	178	594	0.046	ng	#	53
73) Carbazole	18.28	167	53	0.005	ng	#	58
74) Di-n-butylphthalate	18.35	149	1036	0.073	ng	#	77
75) Fluoranthene	19.45	202	54	0.003	ng		65
78) Pyrene	20.01	202	4919	0.275	ng	#	74
80) Butylbenzylphthalate	20.68	149	448	0.066	ng	#	71
81) Benzo(a)anthracene	21.66	228	964	0.053	ng	#	30
82) 3,3'-Dichlorobenzidine	21.60	252	56	0.008	ng	#	23
83) Chrysene	21.70	228	61	0.003	ng	#	49
84) Bis(2-ethylhexyl)phthalate	21.55	149	1462	0.152	ng	#	88
85) Di-n-octyl phthalate	22.74	149	191	0.012	ng	#	79
88) Benzo(b)fluoranthene	23.80	252	55	0.003	ng	#	60
89) Benzo(k)fluoranthene	23.92	252	58	0.003	ng	#	1
90) Benzo(a)pyrene	24.72	252	109	0.006	ng	#	61
91) Dibenzo(a,h)anthracene	28.61	278	63	0.003	ng	#	58
92) Benzo(g,h,i)perylene	29.66	276	59	0.003	ng	#	58

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

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