Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035186.D
Acq On : 16 Jun 2018 00:14
Operator : SJ/JU
Sample : J3518-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-7(3-8)MS

Manual Integrations APPROVED
Sohil
6/18/2018 10:42:52 AM

Quant Time: Jun 16 01:08:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45083	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	186570	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	143758	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	373811	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	391891	20.00	ng	-0.02
86) Perylene-d12	24.92	264	401980	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	421142	157.65	ng	0.00
7) Phenol-d6	7.22	99	652937	165.60	ng	0.00
23) Nitrobenzene-d5	9.23	82	420762	107.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	321006	174.43	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	896323	81.05	ng	-0.02
78) Terphenyl-d14	20.04	244	1561528	83.46	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	42271	33.165	ng	# 74
3) Pyridine	3.95	79	130807	38.036	ng	# 70
4) n-Nitrosodimethylamine	3.86	42	56698	38.376	ng	# 71
6) Aniline	7.39	93	205012	40.225	ng	97
8) 2-Chlorophenol	7.63	128	145692	52.029	ng	97
9) Benzaldehyde	7.20	77	99379	32.722	ng	98
10) Phenol	7.25	94	231247	56.673	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	146365	46.215	ng	91
12) 1,3-Dichlorobenzene	7.95	146	146742m	43.921	ng	
13) 1,4-Dichlorobenzene	8.10	146	152762	44.292	ng	93
14) 1,2-Dichlorobenzene	8.42	146	148033	45.694	ng	96
15) Benzyl Alcohol	8.30	79	183223	49.042	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	164175	52.083	ng	78
17) 2-Methylphenol	8.50	107	150498	55.943	ng	# 94
18) Hexachloroethane	9.15	117	54777	44.363	ng	90
19) n-Nitroso-di-n-propylamine	8.87	70	146149	43.630	ng	# 83
20) 3+4-Methylphenols	8.83	107	212102	55.006	ng	90
22) Acetophenone	8.89	105	258638	44.752	ng	# 91
24) Nitrobenzene	9.27	77	215064	53.509	ng	96
25) Isophorone	9.79	82	423569	51.114	ng	98
26) 2-Nitrophenol	9.98	139	89639	64.703	ng	# 91
27) 2,4-Dimethylphenol	10.03	122	167145	57.399	ng	90
28) bis(2-Chloroethoxy)methane	10.27	93	221322	49.700	ng	96
29) 2,4-Dichlorophenol	10.51	162	186937	58.998	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	183448	48.284	ng	95
31) Naphthalene	10.92	128	465599	48.039	ng	98
32) Benzoic acid	10.11	122	22300	11.433	ng	95
33) 4-Chloroaniline	11.02	127	117393	27.895	ng	95
34) Hexachlorobutadiene	11.21	225	134943	45.669	ng	97
35) Caprolactam	11.80	113	65124m	55.614	ng	
36) 4-Chloro-3-methylphenol	12.14	107	233035	59.000	ng	96
37) 2-Methylnaphthalene	12.52	142	379387	51.630	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	252586	47.171	ng	98
40) Hexachlorocyclopentadiene	12.86	237	293866	87.515	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	178148	55.562	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	195624	55.588	ng		96
45) 1,1'-Biphenyl	13.52	154	524734	45.394	ng		97
46) 2-Chloronaphthalene	13.57	162	410362	46.954	ng		98
47) 2-Nitroaniline	13.76	65	156337	60.577	ng		96
48) Acenaphthylene	14.41	152	699666	47.743	ng		97
49) Dimethylphthalate	14.14	163	709686	56.611	ng		99
50) 2,6-Dinitrotoluene	14.25	165	139487	60.991	ng		92
51) Acenaphthene	14.75	154	447379	46.723	ng		97
52) 3-Nitroaniline	14.58	138	94159	41.957	ng	#	90
53) 2,4-Dinitrophenol	14.79	184	62025	67.013	ng	#	61
54) Dibenzofuran	15.08	168	679943	47.414	ng		93
55) 4-Nitrophenol	14.89	139	199986	105.590	ng	#	85
56) 2,4-Dinitrotoluene	15.04	165	195074	64.210	ng		90
57) Fluorene	15.73	166	558716	46.619	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	196632	57.516	ng		95
59) Diethylphthalate	15.50	149	599997	46.911	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	324368	47.464	ng		96
61) 4-Nitroaniline	15.75	138	137667	57.201	ng	#	83
62) Azobenzene	16.02	77	585928	46.749	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	95649	56.043	ng		87
65) n-Nitrosodiphenylamine	15.94	169	513076	45.704	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	222885	49.512	ng		96
67) Hexachlorobenzene	16.73	284	218690	47.730	ng		97
68) Atrazine	16.88	200	231068	48.267	ng		98
69) Pentachlorophenol	17.07	266	267503	86.824	ng		97
70) Phenanthrene	17.47	178	894201	47.091	ng		98
71) Anthracene	17.56	178	914513	48.079	ng		99
72) Carbazole	17.83	167	846316	47.955	ng		97
73) Di-n-butylphthalate	18.38	149	937858	44.585	ng	#	98
74) Fluoranthene	19.48	202	1134578	45.917	ng		96
76) Benzidine	19.65	184	614153	42.124	ng		97
77) Pyrene	19.84	202	1120366	43.366	ng		96
79) Butylbenzylphthalate	20.72	149	442696	47.190	ng		99
80) Benzo(a)anthracene	21.67	228	1163006	46.440	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	269070	28.558	ng	#	98
82) Chrysene	21.74	228	1095673	47.786	ng		98
83) Bis(2-ethylhexyl)phthalate	21.59	149	616577	46.514	ng	#	99
84) Di-n-octyl phthalate	22.80	149	1069354	47.022	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.61	276	1234962	45.988	ng	#	89
87) Benzo(b)fluoranthene	23.90	252	1146019	46.295	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	1088637	44.956	ng	#	96
89) Benzo(a)pyrene	24.77	252	1096024	47.052	ng	#	96
90) Dibenzo(a,h)anthracene	28.67	278	994429	43.246	ng	#	96
91) Benzo(g,h,i)perylene	29.75	276	1004939	44.657	ng	#	95

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

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