Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
Data File : BG035208.D
Acq On : 16 Jun 2018 15:00
Operator : SJ/JU
Sample : J3504-04MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-44COMPMSD

Manual Integrations APPROVED
Sohil
6/18/2018 10:43:04 AM

Quant Time: Jun 18 03:13:22 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	47309	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	185729	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	138358	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	383279	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	401990	20.00	ng		-0.02
86) Perylene-d12	24.92	264	389049	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	402216	143.48	ng		0.00
7) Phenol-d6	7.22	99	539508	130.39	ng		0.00
23) Nitrobenzene-d5	9.23	82	440970	112.86	ng		-0.01
41) 2,4,6-Tribromophenol	16.18	330	329869	186.24	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1008515	94.76	ng		-0.02
78) Terphenyl-d14	20.04	244	1891717	98.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	38775	28.990	ng	#	75
3) Pyridine	3.96	79	111856	30.995	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	50375	32.492	ng	#	63
6) Aniline	7.39	93	80991	15.143	ng		94
8) 2-Chlorophenol	7.63	128	134842	45.889	ng		96
9) Benzaldehyde	7.20	77	86099	27.016	ng		95
10) Phenol	7.25	94	170645	39.853	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	138587	41.700	ng		91
12) 1,3-Dichlorobenzene	7.95	146	137947	39.346	ng		97
13) 1,4-Dichlorobenzene	8.10	146	145498	40.201	ng		95
14) 1,2-Dichlorobenzene	8.42	146	141080	41.499	ng		96
15) Benzyl Alcohol	8.30	79	166299	42.418	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	154205	46.618	ng		76
17) 2-Methylphenol	8.50	107	134831	47.761	ng	#	94
18) Hexachloroethane	9.14	117	53227	41.079	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	137263	39.049	ng	#	82
20) 3+4-Methylphenols	8.82	107	187689	46.384	ng		96
22) Acetophenone	8.88	105	246392	42.826	ng	#	90
24) Nitrobenzene	9.27	77	198545	49.623	ng		97
25) Isophorone	9.78	82	391544	47.463	ng		99
26) 2-Nitrophenol	9.97	139	81820	59.327	ng	#	93
27) 2,4-Dimethylphenol	10.03	122	149653	51.625	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	206205	46.515	ng		97
29) 2,4-Dichlorophenol	10.51	162	169212	53.646	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	171179	45.259	ng		97
31) Naphthalene	10.92	128	445112	46.133	ng		98
32) Benzoic acid	10.16	122	75261	38.761	ng		95
33) 4-Chloroaniline	11.03	127	14894	3.555	ng	#	87
34) Hexachlorobutadiene	11.20	225	129431	44.002	ng		99
35) Caprolactam	11.79	113	39449m	33.841	ng		
36) 4-Chloro-3-methylphenol	12.13	107	212304	53.995	ng		95
37) 2-Methylnaphthalene	12.52	142	357834	48.918	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	242396	47.035	ng		99
40) Hexachlorocyclopentadiene	12.86	237	302142	93.492	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	166953	54.103	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	186414	55.039	ng		96
45) 1,1'-Biphenyl	13.52	154	493378	44.347	ng		97
46) 2-Chloronaphthalene	13.56	162	388790	46.222	ng		99
47) 2-Nitroaniline	13.76	65	138811	55.886	ng		93
48) Acenaphthylene	14.41	152	665623	47.193	ng		98
49) Dimethylphthalate	14.14	163	556023	46.085	ng	#	99
50) 2,6-Dinitrotoluene	14.26	165	127242	57.808	ng		93
51) Acenaphthene	14.75	154	404839	43.931	ng		98
52) 3-Nitroaniline	14.58	138	40645	18.818	ng	#	87
53) 2,4-Dinitrophenol	14.79	184	95716	107.449	ng	#	63
54) Dibenzofuran	15.08	168	653427	47.344	ng		95
55) 4-Nitrophenol	14.88	139	152799	83.824	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	186028	63.623	ng	#	87
57) Fluorene	15.73	166	545825	47.321	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	187574	57.008	ng		91
59) Diethylphthalate	15.50	149	563363	45.766	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	310824	47.257	ng		96
61) 4-Nitroaniline	15.75	138	122593	52.926	ng	#	84
62) Azobenzene	16.02	77	559698	46.399	ng		94
64) 4,6-Dinitro-2-methylphenol	15.81	198	86442	49.397	ng		83
65) n-Nitrosodiphenylamine	15.94	169	489985	42.569	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	217619	47.148	ng		98
67) Hexachlorobenzene	16.73	284	222606	47.384	ng		94
68) Atrazine	16.88	200	222471	45.323	ng		95
69) Pentachlorophenol	17.07	266	239496	75.813	ng		99
70) Phenanthrene	17.47	178	898571	46.152	ng		97
71) Anthracene	17.56	178	906009	46.456	ng		98
72) Carbazole	17.83	167	821983	45.425	ng		98
73) Di-n-butylphthalate	18.38	149	941872	43.670	ng	#	99
74) Fluoranthene	19.48	202	1169810	46.173	ng		96
76) Benzidine	19.65	184	121444	8.120	ng		99
77) Pyrene	19.84	202	1153430	43.524	ng		97
79) Butylbenzylphthalate	20.72	149	431449	44.835	ng		96
80) Benzo(a)anthracene	21.68	228	1174365	45.716	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	154637	16.000	ng	#	93
82) Chrysene	21.74	228	1094911	46.553	ng		97
83) Bis(2-ethylhexyl)phthalate	21.59	149	588916	43.311	ng	#	99
84) Di-n-octyl phthalate	22.80	149	1008132	43.216	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	1115299	40.489	ng	#	88
87) Benzo(b)fluoranthene	23.90	252	1134886	47.369	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	1090394	46.525	ng	#	97
89) Benzo(a)pyrene	24.78	252	1079868	47.900	ng	#	97
90) Dibenzo(a,h)anthracene	28.67	278	881069	39.590	ng	#	96
91) Benzo(g,h,i)perylene	29.76	276	914554	41.991	ng	#	93

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

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