Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035385.D
Acq On : 25 Jun 2018 19:30
Operator : JU/SJ
Sample : J3252-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-062118MS

Manual Integrations APPROVED
Sohil
6/27/2018 10:48:22 AM

Quant Time: Jun 26 01:18:17 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	8.05	152	52446	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	194084	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	139629	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	373253	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	389027	20.00	ng		-0.03
86) Perylene-d12	24.90	264	389291	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	417886	134.47	ng		-0.01
7) Phenol-d6	7.22	99	559160	121.91	ng		0.00
23) Nitrobenzene-d5	9.22	82	411050	100.67	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	312783	174.99	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	921381	85.78	ng		-0.03
78) Terphenyl-d14	20.02	244	1767513	95.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	53267	35.924	ng	#	72
3) Pyridine	3.96	79	132504	33.120	ng	#	71
4) n-Nitrosodimethylamine	3.86	42	60289	35.078	ng	#	70
6) Aniline	7.38	93	89784	15.143	ng		95
8) 2-Chlorophenol	7.62	128	144695	44.419	ng		96
9) Benzaldehyde	7.19	77	62300	17.633	ng		93
10) Phenol	7.24	94	184360	38.839	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	148416	40.283	ng		91
12) 1,3-Dichlorobenzene	7.94	146	169918	43.717	ng		97
13) 1,4-Dichlorobenzene	8.09	146	168706	42.048	ng		96
14) 1,2-Dichlorobenzene	8.41	146	157574	41.811	ng		96
15) Benzyl Alcohol	8.29	79	168083	38.673	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	161188	43.957	ng		74
17) 2-Methylphenol	8.49	107	137680	43.994	ng	#	92
18) Hexachloroethane	9.13	117	63538	44.234	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	139958	35.916	ng	#	85
20) 3+4-Methylphenols	8.82	107	186247	41.520	ng		95
22) Acetophenone	8.88	105	251694	41.864	ng	#	89
24) Nitrobenzene	9.26	77	204396	48.886	ng		96
25) Isophorone	9.77	82	387670	44.971	ng		99
26) 2-Nitrophenol	9.97	139	82033	56.921	ng	#	89
27) 2,4-Dimethylphenol	10.02	122	148612	49.059	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	206059	44.481	ng		98
29) 2,4-Dichlorophenol	10.50	162	167664	50.867	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	184154	46.593	ng		96
31) Naphthalene	10.91	128	453386	44.968	ng		97
32) Benzoic acid	10.16	122	93395	46.029	ng		96
33) 4-Chloroaniline	11.03	127	13076	2.987	ng		94
34) Hexachlorobutadiene	11.19	225	138005	44.897	ng		95
35) Caprolactam	11.79	113	46067m	37.817	ng		
36) 4-Chloro-3-methylphenol	12.13	107	206851	50.343	ng		94
37) 2-Methylnaphthalene	12.51	142	361895	47.343	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	242150	46.560	ng		99
40) Hexachlorocyclopentadiene	12.85	237	315501	96.737	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	161797	51.955	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	178052	52.091	ng		97
45) 1,1'-Biphenyl	13.51	154	489723	43.618	ng		98
46) 2-Chloronaphthalene	13.56	162	387695	45.672	ng		97
47) 2-Nitroaniline	13.75	65	132219	52.747	ng		93
48) Acenaphthylene	14.40	152	638020	44.824	ng		99
49) Dimethylphthalate	14.13	163	537747	44.164	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	124707	56.141	ng	#	89
51) Acenaphthene	14.74	154	385719	41.475	ng		99
52) 3-Nitroaniline	14.58	138	44089	20.227	ng	#	97
53) 2,4-Dinitrophenol	14.78	184	145677	162.046	ng	#	63
54) Dibenzofuran	15.07	168	637469	45.767	ng		93
55) 4-Nitrophenol	14.88	139	175484	95.393	ng	#	88
56) 2,4-Dinitrotoluene	15.03	165	179552	60.849	ng		86
57) Fluorene	15.72	166	533143	45.800	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.30	232	188931	56.898	ng		92
59) Diethylphthalate	15.49	149	548324	44.139	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	303784	45.766	ng		96
61) 4-Nitroaniline	15.74	138	117931	50.450	ng	#	85
62) Azobenzene	16.01	77	536870	44.102	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	104690	61.432	ng		82
65) n-Nitrosodiphenylamine	15.93	169	474859	42.363	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	218613	48.636	ng		98
67) Hexachlorobenzene	16.72	284	216289	47.276	ng		94
68) Atrazine	16.88	200	215525	45.088	ng		97
69) Pentachlorophenol	17.07	266	265438	86.282	ng		98
70) Phenanthrene	17.46	178	871589	45.969	ng		97
71) Anthracene	17.55	178	888922	46.804	ng		98
72) Carbazole	17.82	167	803661	45.606	ng		98
73) Di-n-butylphthalate	18.37	149	911634	43.404	ng	#	99
74) Fluoranthene	19.47	202	1123345	45.530	ng		95
76) Benzidine	19.64	184	45793	3.164	ng	#	92
77) Pyrene	19.83	202	1123139	43.793	ng		97
79) Butylbenzylphthalate	20.71	149	417724	44.856	ng	#	93
80) Benzo(a)anthracene	21.67	228	1151973	46.339	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	184052	19.679	ng	#	98
82) Chrysene	21.73	228	1068753	46.955	ng		96
83) Bis(2-ethylhexyl)phthalate	21.57	149	575436	43.730	ng	#	99
84) Di-n-octyl phthalate	22.78	149	987659	43.750	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1299868	48.761	ng	#	88
87) Benzo(b)fluoranthene	23.88	252	1158404	48.320	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1077506	45.947	ng	#	96
89) Benzo(a)pyrene	24.75	252	1095337	48.556	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	1061312	47.659	ng	#	97
91) Benzo(g,h,i)perylene	29.72	276	1089123	49.975	ng	#	90

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

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