Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035386.D
Acq On : 25 Jun 2018 20:09
Operator : JU/SJ
Sample : J3252-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-05-062118MSD

Manual Integrations APPROVED
Sohil
6/27/2018 10:48:24 AM

Quant Time: Jun 26 01:24:00 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	56474	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	218126	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	154731	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	411164	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	417993	20.00	ng		-0.03
86) Perylene-d12	24.90	264	415856	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	447031	133.59	ng		-0.01
7) Phenol-d6	7.22	99	603818	122.25	ng		0.00
23) Nitrobenzene-d5	9.21	82	447473	97.51	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	344842	174.10	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1009919	84.85	ng		-0.02
78) Terphenyl-d14	20.02	244	1879627	94.19	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	50433	31.587	ng	#	75
3) Pyridine	3.96	79	120297	27.924	ng	#	70
4) n-Nitrosodimethylamine	3.86	42	64099	34.634	ng	#	67
6) Aniline	7.38	93	92330	14.462	ng	#	94
8) 2-Chlorophenol	7.62	128	149823	42.712	ng		93
9) Benzaldehyde	7.19	77	27185	7.146	ng		92
10) Phenol	7.24	94	191295	37.426	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	156892	39.547	ng		87
12) 1,3-Dichlorobenzene	7.95	146	168663	40.299	ng		98
13) 1,4-Dichlorobenzene	8.09	146	173388	40.132	ng		95
14) 1,2-Dichlorobenzene	8.41	146	167523	41.280	ng		96
15) Benzyl Alcohol	8.29	79	182367	38.967	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	168640	42.709	ng		76
17) 2-Methylphenol	8.49	107	145377	43.140	ng		90
18) Hexachloroethane	9.14	117	64517	41.712	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	142410	33.938	ng	#	85
20) 3+4-Methylphenols	8.82	107	202787	41.982	ng		95
22) Acetophenone	8.87	105	267720	39.622	ng	#	89
24) Nitrobenzene	9.26	77	220556	46.937	ng	#	93
25) Isophorone	9.78	82	414632	42.797	ng		98
26) 2-Nitrophenol	9.97	139	91187	56.298	ng	#	88
27) 2,4-Dimethylphenol	10.03	122	158782	46.639	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	215458	41.383	ng		99
29) 2,4-Dichlorophenol	10.50	162	180023	48.597	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	194699	43.832	ng		99
31) Naphthalene	10.91	128	483136	42.637	ng		98
32) Benzoic acid	10.17	122	99296	43.544	ng		94
33) 4-Chloroaniline	11.01	127	16779	3.410	ng		97
34) Hexachlorobutadiene	11.19	225	148829	43.082	ng		97
35) Caprolactam	11.79	113	47355m	34.589	ng		
36) 4-Chloro-3-methylphenol	12.13	107	219244	47.478	ng		96
37) 2-Methylnaphthalene	12.51	142	379283	44.149	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	259813	45.080	ng		99
40) Hexachlorocyclopentadiene	12.85	237	341441	94.472	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	171107	49.582	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	187917	49.611	ng		99
45) 1,1'-Biphenyl	13.51	154	517642	41.605	ng		98
46) 2-Chloronaphthalene	13.56	162	406550	43.219	ng		98
47) 2-Nitroaniline	13.76	65	143198	51.551	ng		92
48) Acenaphthylene	14.40	152	686958	43.552	ng		97
49) Dimethylphthalate	14.13	163	568979	42.168	ng		99
50) 2,6-Dinitrotoluene	14.25	165	131612	53.467	ng	#	86
51) Acenaphthene	14.74	154	411170	39.897	ng		98
52) 3-Nitroaniline	14.58	138	58987	24.421	ng	#	92
53) 2,4-Dinitrophenol	14.78	184	161617	162.231	ng	#	64
54) Dibenzofuran	15.07	168	672401	43.563	ng		94
55) 4-Nitrophenol	14.88	139	181120	88.847	ng	#	88
56) 2,4-Dinitrotoluene	15.04	165	189226	57.868	ng	#	87
57) Fluorene	15.72	166	560626	43.461	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	196622	53.435	ng		92
59) Diethylphthalate	15.49	149	574327	41.720	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	323595	43.993	ng		97
61) 4-Nitroaniline	15.74	138	122597	47.327	ng	#	83
62) Azobenzene	16.01	77	558204	41.379	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	111805	59.558	ng		81
65) n-Nitrosodiphenylamine	15.93	169	502017	40.657	ng		95
66) 4-Bromophenyl-phenylether	16.60	248	228828	46.215	ng		96
67) Hexachlorobenzene	16.72	284	228176	45.276	ng		96
68) Atrazine	16.87	200	173122	32.878	ng		97
69) Pentachlorophenol	17.07	266	280456	82.758	ng		97
70) Phenanthrene	17.46	178	909358	43.539	ng		97
71) Anthracene	17.55	178	924065	44.168	ng		98
72) Carbazole	17.82	167	826216	42.563	ng		98
73) Di-n-butylphthalate	18.37	149	963840	41.658	ng	#	97
74) Fluoranthene	19.47	202	1182630	43.513	ng		95
76) Benzidine	19.67	184	51138m	3.288	ng		
77) Pyrene	19.83	202	1178030	42.751	ng		98
79) Butylbenzylphthalate	20.71	149	436619	43.636	ng	#	96
80) Benzo(a)anthracene	21.67	228	1181877	44.247	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	173403	17.255	ng	#	99
82) Chrysene	21.73	228	1097342	44.870	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	600643	42.483	ng		99
84) Di-n-octyl phthalate	22.78	149	1018688	41.997	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1321161	46.126	ng	#	87
87) Benzo(b)fluoranthene	23.88	252	1145478	44.729	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1138429	45.444	ng	#	97
89) Benzo(a)pyrene	24.75	252	1121040	46.521	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	1073683	45.134	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	1105362	47.480	ng	#	93

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

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