Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035307.D
Acq On : 21 Jun 2018 19:56
Operator : JU/SJ
Sample : J3575-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-9MS

Manual Integrations APPROVED
Sohil
6/22/2018 2:13:43 PM

Quant Time: Jun 22 05:22:24 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	56830	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	205172	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	145409	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	388752	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	410734	20.00	ng		-0.03
86) Perylene-d12	24.91	264	409755	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	446437	132.57	ng		0.00
7) Phenol-d6	7.22	99	591551	119.02	ng		0.00
23) Nitrobenzene-d5	9.22	82	458582	106.24	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	328834	176.66	ng		-0.02
44) 2-Fluorobiphenyl	13.31	172	1017096	90.93	ng		-0.02
78) Terphenyl-d14	20.03	244	1852237	94.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	56483	35.155	ng	#	72
3) Pyridine	3.97	79	143369	33.071	ng	#	72
4) n-Nitrosodimethylamine	3.87	42	63497	34.094	ng	#	77
6) Aniline	7.39	93	146783	22.847	ng		95
8) 2-Chlorophenol	7.63	128	152963	43.334	ng		90
9) Benzaldehyde	7.20	77	78362	20.469	ng		96
10) Phenol	7.25	94	194557	37.825	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	159265	39.893	ng		84
12) 1,3-Dichlorobenzene	7.94	146	182323	43.290	ng		97
13) 1,4-Dichlorobenzene	8.10	146	181823	41.821	ng		97
14) 1,2-Dichlorobenzene	8.41	146	174739	42.789	ng		98
15) Benzyl Alcohol	8.30	79	187397	39.791	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	175493	44.166	ng		77
17) 2-Methylphenol	8.50	107	147554	43.512	ng	#	88
18) Hexachloroethane	9.14	117	67832	43.580	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	147507	34.933	ng	#	86
20) 3+4-Methylphenols	8.82	107	203752	41.918	ng		94
22) Acetophenone	8.88	105	270649	42.584	ng	#	90
24) Nitrobenzene	9.26	77	217497	49.208	ng		94
25) Isophorone	9.78	82	432038	47.409	ng	#	98
26) 2-Nitrophenol	9.97	139	88348	57.990	ng	#	91
27) 2,4-Dimethylphenol	10.03	122	161802	50.526	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	223655	45.670	ng		95
29) 2,4-Dichlorophenol	10.50	162	185125	53.129	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	196004	46.911	ng		98
31) Naphthalene	10.91	128	486920	45.684	ng		99
32) Benzoic acid	10.16	122	94059	43.851	ng		88
33) 4-Chloroaniline	11.02	127	17430	3.766	ng	#	89
34) Hexachlorobutadiene	11.19	225	150276	46.247	ng		99
35) Caprolactam	11.79	113	48652m	37.780	ng		
36) 4-Chloro-3-methylphenol	12.13	107	219472	50.529	ng		95
37) 2-Methylnaphthalene	12.51	142	381775	47.245	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	254930	47.068	ng		99
40) Hexachlorocyclopentadiene	12.86	237	342752	100.915	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	173873	53.613	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	188678	53.006	ng		98
45) 1,1'-Biphenyl	13.51	154	515643	44.101	ng		97
46) 2-Chloronaphthalene	13.56	162	407121	46.054	ng		99
47) 2-Nitroaniline	13.76	65	140761	53.923	ng		94
48) Acenaphthylene	14.41	152	678032	45.742	ng		98
49) Dimethylphthalate	14.14	163	574767	45.328	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	131762	56.959	ng		91
51) Acenaphthene	14.75	154	412316	42.573	ng		99
52) 3-Nitroaniline	14.58	138	48215	21.241	ng	#	84
53) 2,4-Dinitrophenol	14.79	184	149454	159.639	ng	#	64
54) Dibenzofuran	15.07	168	666769	45.968	ng		93
55) 4-Nitrophenol	14.89	139	170368	88.930	ng	#	84
56) 2,4-Dinitrotoluene	15.04	165	184518	60.046	ng	#	84
57) Fluorene	15.73	166	556399	45.898	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	194231	56.169	ng		93
59) Diethylphthalate	15.49	149	566883	43.819	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	316762	45.824	ng		97
61) 4-Nitroaniline	15.74	138	123676	50.804	ng	#	81
62) Azobenzene	16.01	77	562673	44.384	ng		93
64) 4,6-Dinitro-2-methylphenol	15.80	198	105477	59.426	ng		79
65) n-Nitrosodiphenylamine	15.93	169	494523	42.359	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	226113	48.299	ng		96
67) Hexachlorobenzene	16.73	284	229274	48.116	ng		95
68) Atrazine	16.88	200	223195	44.831	ng		97
69) Pentachlorophenol	17.07	266	279737	87.305	ng		99
70) Phenanthrene	17.47	178	900333	45.592	ng		96
71) Anthracene	17.55	178	919467	46.482	ng		99
72) Carbazole	17.82	167	825782	44.993	ng		98
73) Di-n-butylphthalate	18.38	149	929916	42.509	ng	#	98
74) Fluoranthene	19.47	202	1170212	45.539	ng		96
76) Benzidine	19.65	184	317514	20.779	ng		99
77) Pyrene	19.83	202	1183473	43.707	ng		98
79) Butylbenzylphthalate	20.71	149	431639	43.900	ng	#	96
80) Benzo(a)anthracene	21.67	228	1217620	46.391	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	234295	23.727	ng	#	95
82) Chrysene	21.74	228	1126911	46.893	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	581702	41.870	ng		99
84) Di-n-octyl phthalate	22.79	149	997208	41.838	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1359320	48.297	ng	#	85
87) Benzo(b)fluoranthene	23.89	252	1208930	47.910	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	1124082	45.539	ng	#	97
89) Benzo(a)pyrene	24.76	252	1142312	48.109	ng	#	97
90) Dibenzo(a,h)anthracene	28.66	278	1109882	47.351	ng	#	97
91) Benzo(g,h,i)perylene	29.74	276	1140872	49.735	ng	#	93

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

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