Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032451.D
Acq On : 30 Jan 2018 21:00
Operator : SJ/JU
Sample : J1367-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(100-102)MS

Quant Time: Jan 31 00:46:07 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	26540	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	102013	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	73106	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	202821	20.00	ng		0.00
75) Chrysene-d12	22.41	240	259471	20.00	ng		0.00
86) Perylene-d12	26.08	264	288546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	217934	164.93	ng		0.00
7) Phenol-d6	7.84	99	272016	154.27	ng		0.01
23) Nitrobenzene-d5	9.91	82	167690	102.67	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	236456	169.92	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	576548	93.74	ng		-0.01
78) Terphenyl-d14	20.62	244	1206250	99.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	18728	42.126	ng	#	77
3) Pyridine	4.26	79	49635	41.348	ng	#	80
4) n-Nitrosodimethylamine	4.17	42	30495	48.800	ng	#	70
6) Aniline	8.01	93	75561	34.371	ng		97
8) 2-Chlorophenol	8.26	128	79701	51.028	ng		87
9) Benzaldehyde	7.82	77	26153	28.718	ng		82
10) Phenol	7.87	94	86852	51.869	ng		85
11) bis(2-Chloroethyl)ether	8.10	93	58186	45.606	ng	#	80
12) 1,3-Dichlorobenzene	8.59	146	92113	43.608	ng		94
13) 1,4-Dichlorobenzene	8.75	146	94362	44.571	ng		94
14) 1,2-Dichlorobenzene	9.08	146	90492	43.633	ng		98
15) Benzyl Alcohol	8.95	79	69332	47.710	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.24	45	50923	42.121	ng		74
17) 2-Methylphenol	9.16	107	60371	44.392	ng		97
18) Hexachloroethane	9.83	117	31425	44.210	ng	#	80
19) n-Nitroso-di-n-propylamine	9.53	70	48780	41.724	ng	#	86
20) 3+4-Methylphenols	9.49	107	88176	46.223	ng		95
22) Acetophenone	9.55	105	111116	46.467	ng	#	89
24) Nitrobenzene	9.96	77	74921	47.439	ng	#	78
25) Isophorone	10.48	82	141605	50.919	ng	#	88
26) 2-Nitrophenol	10.68	139	47044	49.277	ng	#	77
27) 2,4-Dimethylphenol	10.73	122	79005	57.656	ng		98
28) bis(2-Chloroethoxy)methane	10.96	93	79895	52.391	ng		98
29) 2,4-Dichlorophenol	11.22	162	97288	53.595	ng		86
30) 1,2,4-Trichlorobenzene	11.44	180	110945	45.857	ng		97
31) Naphthalene	11.64	128	238748	47.918	ng		99
32) Benzoic acid	10.82	122	17863	22.107	ng	#	74
33) 4-Chloroaniline	11.74	127	84340	37.953	ng	#	91
34) Hexachlorobutadiene	11.91	225	81482	43.287	ng		95
35) Caprolactam	12.49	113	27819	53.385	ng	#	47
36) 4-Chloro-3-methylphenol	12.83	107	91790	53.309	ng	#	87
37) 2-Methylnaphthalene	13.21	142	197299	47.136	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	153685	44.936	ng	#	96
40) Hexachlorocyclopentadiene	13.54	237	182790	85.539	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	96083	51.648	ng		97
43) 2,4,5-Trichlorophenol	13.87	196	106491	49.105	ng	#	90
45) 1,1'-Biphenyl	14.19	154	284349	46.038	ng		91
46) 2-Chloronaphthalene	14.24	162	222476	45.957	ng		97
47) 2-Nitroaniline	14.43	65	52841	49.360	ng	#	64
48) Acenaphthylene	15.08	152	340886	46.580	ng		98
49) Dimethylphthalate	14.78	163	368058	54.602	ng		99
50) 2,6-Dinitrotoluene	14.91	165	70685	49.961	ng	#	77
51) Acenaphthene	15.41	154	255716	50.383	ng		98
52) 3-Nitroaniline	15.24	138	51621	41.772	ng	#	78
53) 2,4-Dinitrophenol	15.44	184	63993	72.848	ng	#	63
54) Dibenzofuran	15.74	168	364022	48.458	ng		97
55) 4-Nitrophenol	15.54	139	104689	113.158	ng	#	73
56) 2,4-Dinitrotoluene	15.69	165	105060	52.155	ng	#	66
57) Fluorene	16.38	166	293713	47.052	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	117489	54.930	ng	#	87
59) Diethylphthalate	16.12	149	314089	47.842	ng		96
60) 4-Chlorophenyl-phenylether	16.36	204	189576	48.160	ng		93
61) 4-Nitroaniline	16.40	138	66338	50.085	ng	#	79
62) Azobenzene	16.65	77	191642	48.847	ng		87
64) 4,6-Dinitro-2-methylphenol	16.45	198	65410	43.169	ng	#	68
65) n-Nitrosodiphenylamine	16.58	169	283638	46.860	ng		98
66) 4-Bromophenyl-phenylether	17.25	248	138224	46.001	ng		94
67) Hexachlorobenzene	17.38	284	151016	45.415	ng	#	90
68) Atrazine	17.50	200	139315	53.616	ng		97
69) Pentachlorophenol	17.72	266	185801	89.196	ng		98
70) Phenanthrene	18.12	178	527161	46.607	ng		99
71) Anthracene	18.22	178	545590	48.444	ng		97
72) Carbazole	18.48	167	479905	48.228	ng		99
73) Di-n-butylphthalate	18.98	149	542679	49.258	ng		99
74) Fluoranthene	20.09	202	715679	48.248	ng		94
76) Benzidine	20.25	184	425272	83.469	ng		98
77) Pyrene	20.45	202	713460	44.831	ng		100
79) Butylbenzylphthalate	21.30	149	250671	49.937	ng	#	79
80) Benzo(a)anthracene	22.39	228	781606	48.590	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	234615	37.645	ng	#	97
82) Chrysene	22.46	228	729499	46.960	ng		97
83) Bis(2-ethylhexyl)phthalate	22.23	149	355599	49.961	ng	#	99
84) Di-n-octyl phthalate	23.60	149	619452	54.871	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	984084	50.076	ng	#	82
87) Benzo(b)fluoranthene	24.91	252	831176	47.674	ng	#	96
88) Benzo(k)fluoranthene	24.99	252	802987	46.493	ng	#	96
89) Benzo(a)pyrene	25.92	252	801886	48.244	ng	#	97
90) Dibenzo(a,h)anthracene	30.43	278	827423	48.663	ng	#	95
91) Benzo(g,h,i)perylene	31.69	276	815544	48.322	ng	#	91

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

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