Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032452.D
Acq On : 30 Jan 2018 21:37
Operator : SJ/JU
Sample : J1367-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
1/31/2018 8:31:11 PM

Quant Time: Jan 31 11:09:08 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	29339	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	113577	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	80326	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	210235	20.00	ng		0.00
75) Chrysene-d12	22.41	240	266233	20.00	ng		0.00
86) Perylene-d12	26.08	264	296029	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	236235	161.73	ng		0.00
7) Phenol-d6	7.84	99	292504	150.06	ng		0.00
23) Nitrobenzene-d5	9.91	82	178841	98.35	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	248889	162.78	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	617181	91.32	ng		-0.01
78) Terphenyl-d14	20.62	244	1197920	96.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	21647	44.047	ng	#	75
3) Pyridine	4.26	79	60695	45.738	ng		87
4) n-Nitrosodimethylamine	4.17	42	37881	54.837	ng	#	72
6) Aniline	8.01	93	65725	27.044	ng		96
8) 2-Chlorophenol	8.26	128	92523	53.586	ng		85
9) Benzaldehyde	7.81	77	32385	32.168	ng		91
10) Phenol	7.87	94	104078	56.227	ng		92
11) bis(2-Chloroethyl)ether	8.10	93	67610	47.937	ng	#	79
12) 1,3-Dichlorobenzene	8.60	146	110242	47.212	ng		97
13) 1,4-Dichlorobenzene	8.75	146	115187	49.217	ng		95
14) 1,2-Dichlorobenzene	9.08	146	106591	46.492	ng		95
15) Benzyl Alcohol	8.95	79	81228	50.564	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.24	45	62151	46.504	ng		71
17) 2-Methylphenol	9.15	107	75913	50.495	ng		93
18) Hexachloroethane	9.83	117	37980	48.335	ng	#	80
19) n-Nitroso-di-n-propylamine	9.52	70	57467	44.466	ng	#	89
20) 3+4-Methylphenols	9.49	107	103229	48.952	ng		95
22) Acetophenone	9.56	105	131053	49.224	ng	#	90
24) Nitrobenzene	9.96	77	92938	52.856	ng		91
25) Isophorone	10.48	82	165694	53.515	ng	#	83
26) 2-Nitrophenol	10.68	139	57474	54.072	ng	#	84
27) 2,4-Dimethylphenol	10.72	122	95871	62.841	ng		95
28) bis(2-Chloroethoxy)methane	10.96	93	97454	57.398	ng	#	95
29) 2,4-Dichlorophenol	11.23	162	117363	58.071	ng		91
30) 1,2,4-Trichlorobenzene	11.45	180	132840	49.316	ng		92
31) Naphthalene	11.65	128	285042	51.385	ng		99
32) Benzoic acid	10.82	122	6538	12.156	ng	#	77
33) 4-Chloroaniline	11.74	127	64026	25.878	ng	#	92
34) Hexachlorobutadiene	11.91	225	100385	47.900	ng		97
35) Caprolactam	12.49	113	33125	57.095	ng	#	42
36) 4-Chloro-3-methylphenol	12.83	107	110585	57.686	ng	#	82
37) 2-Methylnaphthalene	13.21	142	236354	50.717	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	186963	49.752	ng		96
40) Hexachlorocyclopentadiene	13.54	237	214781	91.476	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	121198	59.293	ng		97
43) 2,4,5-Trichlorophenol	13.87	196	129278m	54.254	ng		
45) 1,1'-Biphenyl	14.18	154	340803	50.219	ng		96
46) 2-Chloronaphthalene	14.24	162	268464	50.472	ng		96
47) 2-Nitroaniline	14.43	65	64496	54.832	ng	#	72
48) Acenaphthylene	15.08	152	402699	50.080	ng		98
49) Dimethylphthalate	14.78	163	421576	56.920	ng		99
50) 2,6-Dinitrotoluene	14.91	165	83386	53.641	ng	#	80
51) Acenaphthene	15.41	154	292822	52.509	ng		99
52) 3-Nitroaniline	15.24	138	44768	32.971	ng	#	76
53) 2,4-Dinitrophenol	15.44	184	57873	60.686	ng	#	67
54) Dibenzofuran	15.74	168	431906	52.327	ng		99
55) 4-Nitrophenol	15.54	139	119662	117.716	ng	#	75
56) 2,4-Dinitrotoluene	15.69	165	122475	55.335	ng	#	67
57) Fluorene	16.39	166	348966	50.878	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	138086	58.756	ng	#	84
59) Diethylphthalate	16.12	149	367719	50.976	ng		97
60) 4-Chlorophenyl-phenylether	16.36	204	221142	51.130	ng		95
61) 4-Nitroaniline	16.40	138	72173	49.592	ng		80
62) Azobenzene	16.66	77	225125	52.223	ng		83
64) 4,6-Dinitro-2-methylphenol	16.45	198	73184	46.596	ng		72
65) n-Nitrosodiphenylamine	16.57	169	323570	51.572	ng		99
66) 4-Bromophenyl-phenylether	17.26	248	161656	51.902	ng		95
67) Hexachlorobenzene	17.38	284	174903	50.744	ng	#	93
68) Atrazine	17.50	200	158917	59.003	ng		97
69) Pentachlorophenol	17.73	266	214029	99.124	ng		100
70) Phenanthrene	18.13	178	592172	50.509	ng		98
71) Anthracene	18.21	178	616253	52.789	ng		98
72) Carbazole	18.48	167	536191	51.984	ng		98
73) Di-n-butylphthalate	18.98	149	610813	53.487	ng		99
74) Fluoranthene	20.09	202	793604	51.615	ng		94
76) Benzidine	20.25	184	350056	66.961	ng		100
77) Pyrene	20.45	202	793144	48.572	ng		99
79) Butylbenzylphthalate	21.30	149	279657	54.296	ng	#	75
80) Benzo(a)anthracene	22.39	228	856266	51.879	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	188619	29.496	ng	#	95
82) Chrysene	22.46	228	803219	50.392	ng		97
83) Bis(2-ethylhexyl)phthalate	22.23	149	395867	54.206	ng	#	98
84) Di-n-octyl phthalate	23.60	149	687542	59.355	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	1092941	54.203	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	921949	51.544	ng	#	93
88) Benzo(k)fluoranthene	24.99	252	891909	50.336	ng	#	95
89) Benzo(a)pyrene	25.92	252	889042	52.136	ng	#	95
90) Dibenzo(a,h)anthracene	30.43	278	920358	52.760	ng	#	93
91) Benzo(g,h,i)perylene	31.69	276	902307	52.112	ng	#	91

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

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