Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031953.D
Acq On : 9 Jan 2018 19:34
Operator : SJ/JU
Sample : J1050-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(90-92)MSD

Manual Integrations APPROVED
Sohil
1/10/2018 11:48:14 AM

Quant Time: Jan 10 01:15:39 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	63477	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	265350	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	180195	20.00	ng		-0.02
63) Phenanthrene-d10	18.14	188	447340	20.00	ng		-0.02
75) Chrysene-d12	22.48	240	498424	20.00	ng		-0.04
86) Perylene-d12	26.21	264	519417	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	501571	143.92	ng		0.00
7) Phenol-d6	7.89	99	640703	141.60	ng		0.00
23) Nitrobenzene-d5	9.98	82	360306	102.53	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	410591	149.33	ng		-0.02
44) 2-Fluorobiphenyl	14.04	172	1161130	80.88	ng		-0.01
78) Terphenyl-d14	20.67	244	1834166	84.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	42530	32.921	ng	#	73
3) Pyridine	4.31	79	119079	34.483	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	53754	38.575	ng	#	81
6) Aniline	8.08	93	56299	9.671	ng		91
8) 2-Chlorophenol	8.33	128	172346	42.632	ng	#	78
9) Benzaldehyde	7.88	77	30944	11.357	ng	#	80
10) Phenol	7.92	94	215479	47.169	ng		93
11) bis(2-Chloroethyl)ether	8.17	93	133307	35.137	ng		83
12) 1,3-Dichlorobenzene	8.67	146	185364	36.923	ng	#	92
13) 1,4-Dichlorobenzene	8.82	146	193614	37.754	ng		92
14) 1,2-Dichlorobenzene	9.15	146	181430	37.337	ng		96
15) Benzyl Alcohol	9.01	79	138704	40.834	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	139808	45.251	ng		83
17) 2-Methylphenol	9.22	107	138241	42.293	ng		98
18) Hexachloroethane	9.91	117	60545	38.981	ng	#	80
19) n-Nitroso-di-n-propylamine	9.59	70	104906	33.948	ng	#	80
20) 3+4-Methylphenols	9.55	107	191060	41.127	ng		97
22) Acetophenone	9.62	105	239453	38.841	ng	#	89
24) Nitrobenzene	10.02	77	156154	43.117	ng	#	86
25) Isophorone	10.55	82	299493	39.591	ng	#	84
26) 2-Nitrophenol	10.75	139	100724	53.044	ng	#	82
27) 2,4-Dimethylphenol	10.79	122	176966	44.288	ng		92
28) bis(2-Chloroethoxy)methane	11.03	93	194331	38.286	ng	#	94
29) 2,4-Dichlorophenol	11.29	162	205457	43.799	ng		93
30) 1,2,4-Trichlorobenzene	11.52	180	221155	38.612	ng		98
31) Naphthalene	11.71	128	514921	38.451	ng		98
32) Benzoic acid	10.85	122	27419m	15.354	ng		
33) 4-Chloroaniline	11.80	127	58439	9.802	ng	#	88
34) Hexachlorobutadiene	11.99	225	152196	38.706	ng		95
35) Caprolactam	12.56	113	62083	43.662	ng	#	55
36) 4-Chloro-3-methylphenol	12.88	107	186267	42.994	ng	#	82
37) 2-Methylnaphthalene	13.28	142	424198	39.075	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	301448	39.717	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	319284	79.741	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	189430	43.288	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	207684	42.825	ng	#	91
45) 1,1'-Biphenyl	14.25	154	608545	39.541	ng		95
46) 2-Chloronaphthalene	14.31	162	460594	39.236	ng		97
47) 2-Nitroaniline	14.49	65	102693	50.651	ng	#	72
48) Acenaphthylene	15.14	152	688874	36.680	ng		99
49) Dimethylphthalate	14.84	163	682643	43.003	ng		99
50) 2,6-Dinitrotoluene	14.97	165	137028	46.923	ng	#	67
51) Acenaphthene	15.48	154	487215	39.612	ng		99
52) 3-Nitroaniline	15.30	138	53375	18.734	ng	#	76
53) 2,4-Dinitrophenol	15.50	184	91303	74.207	ng	#	84
54) Dibenzofuran	15.80	168	726475	38.531	ng		99
55) 4-Nitrophenol	15.58	139	212139	91.481	ng	#	74
56) 2,4-Dinitrotoluene	15.75	165	193564	51.547	ng	#	66
57) Fluorene	16.45	166	574110	37.483	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	217127	45.890	ng	#	85
59) Diethylphthalate	16.19	149	579196	37.434	ng		94
60) 4-Chlorophenyl-phenylether	16.43	204	352388	37.601	ng		93
61) 4-Nitroaniline	16.46	138	108511	39.028	ng	#	82
62) Azobenzene	16.72	77	379395	38.235	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	101983	47.059	ng	#	66
65) n-Nitrosodiphenylamine	16.64	169	538616	36.253	ng		100
66) 4-Bromophenyl-phenylether	17.32	248	253342	39.164	ng		95
67) Hexachlorobenzene	17.44	284	259093	39.181	ng	#	92
68) Atrazine	17.56	200	233638	40.442	ng		96
69) Pentachlorophenol	17.78	266	349501	76.840	ng		99
70) Phenanthrene	18.19	178	952499	37.624	ng		100
71) Anthracene	18.28	178	982146	38.459	ng		98
72) Carbazole	18.53	167	865219	38.279	ng		99
73) Di-n-butylphthalate	19.04	149	939248	37.392	ng		99
74) Fluoranthene	20.15	202	1190648	38.330	ng		96
76) Benzidine	20.30	184	216519	14.074	ng		98
77) Pyrene	20.50	202	1199084	37.662	ng		97
79) Butylbenzylphthalate	21.37	149	422999	39.578	ng	#	74
80) Benzo(a)anthracene	22.46	228	1204548	37.992	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	194526	15.825	ng	#	94
82) Chrysene	22.54	228	1113601	37.122	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	576780	37.249	ng	#	98
84) Di-n-octyl phthalate	23.70	149	965777	37.034	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1427459	37.091	ng	#	88
87) Benzo(b)fluoranthene	25.01	252	1231557	38.197	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	1206130	37.379	ng	#	96
89) Benzo(a)pyrene	26.03	252	1192897	38.631	ng	#	97
90) Dibenzo(a,h)anthracene	30.61	278	1189860	37.309	ng	#	95
91) Benzo(g,h,i)perylene	30.53	276	1427459	37.911	ng	#	92

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

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