Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031574.D
Acq On : 15 Dec 2017 00:48
Operator : SJ/JU
Sample : I6888-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-122-2(40-42)MSD

Manual Integrations APPROVED
Sohil
12/15/2017 6:47:03 PM

Quant Time: Dec 15 04:21:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	73387	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	314091	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	208922	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	544920	20.00	ng		0.00
75) Chrysene-d12	21.74	240	599849	20.00	ng		0.00
86) Perylene-d12	25.02	264	553296	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	592698	143.15	ng		0.00
7) Phenol-d6	7.27	99	756833	131.68	ng		0.00
23) Nitrobenzene-d5	9.27	82	460578	90.38	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	374096	152.84	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1212673	85.20	ng		0.00
78) Terphenyl-d14	20.06	244	2084161	79.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	68793	34.824	ng	#	83
3) Pyridine	3.90	79	188706	36.281	ng		87
4) n-Nitrosodimethylamine	3.82	42	95276	38.890	ng	#	94
6) Aniline	7.42	93	225693	29.817	ng		95
8) 2-Chlorophenol	7.66	128	219330	47.492	ng		85
9) Benzaldehyde	7.23	77	133174	39.973	ng		87
10) Phenol	7.30	94	303150	51.343	ng		94
11) bis(2-Chloroethyl)ether	7.51	93	195207	40.507	ng		89
12) 1,3-Dichlorobenzene	7.99	146	232555	42.344	ng		97
13) 1,4-Dichlorobenzene	8.13	146	238275	41.745	ng		94
14) 1,2-Dichlorobenzene	8.46	146	224912	41.365	ng		97
15) Benzyl Alcohol	8.34	79	181902	40.457	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.62	45	288055	53.206	ng		91
17) 2-Methylphenol	8.55	107	184287	45.788	ng		95
18) Hexachloroethane	9.18	117	81270	42.240	ng		90
19) n-Nitroso-di-n-propylamine	8.90	70	156519	34.598	ng	#	93
20) 3+4-Methylphenols	8.88	107	254862	42.507	ng		97
22) Acetophenone	8.93	105	328276	43.567	ng	#	91
24) Nitrobenzene	9.31	77	233874	44.788	ng	#	88
25) Isophorone	9.83	82	438051	45.486	ng	#	90
26) 2-Nitrophenol	10.02	139	128015	49.578	ng	#	89
27) 2,4-Dimethylphenol	10.08	122	209574	53.430	ng		93
28) bis(2-Chloroethoxy)methane	10.31	93	277937	44.703	ng		94
29) 2,4-Dichlorophenol	10.57	162	240374	52.014	ng		93
30) 1,2,4-Trichlorobenzene	10.78	180	261800	44.350	ng		97
31) Naphthalene	10.96	128	649878	42.117	ng		99
32) Benzoic acid	10.22	122	21027	16.565	ng	#	79
33) 4-Chloroaniline	11.08	127	107527	16.049	ng		95
34) Hexachlorobutadiene	11.24	225	167131	42.684	ng		97
35) Caprolactam	11.85	113	87307m	48.113	ng		
36) 4-Chloro-3-methylphenol	12.20	107	241207	45.726	ng	#	85
37) 2-Methylnaphthalene	12.56	142	514548	43.068	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	339464	41.575	ng		97
40) Hexachlorocyclopentadiene	12.90	237	157480	62.967	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	212622	50.968	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	228163	50.773	ng	#	94
45) 1,1'-Biphenyl	13.56	154	714114	41.616	ng		97
46) 2-Chloronaphthalene	13.61	162	551228	43.890	ng		96
47) 2-Nitroaniline	13.81	65	157789	44.710	ng	#	81
48) Acenaphthylene	14.45	152	835755	41.356	ng		98
49) Dimethylphthalate	14.17	163	878107	50.768	ng		99
50) 2,6-Dinitrotoluene	14.30	165	176752	47.809	ng	#	76
51) Acenaphthene	14.79	154	523843	40.995	ng		99
52) 3-Nitroaniline	14.64	138	101618	26.964	ng	#	83
53) 2,4-Dinitrophenol	14.86	184	65156	46.505	ng	#	48
54) Dibenzofuran	15.12	168	858020	42.079	ng		99
55) 4-Nitrophenol	14.97	139	243626	94.976	ng	#	79
56) 2,4-Dinitrotoluene	15.09	165	248942	47.408	ng	#	74
57) Fluorene	15.77	166	697272	42.677	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	224867	53.236	ng	#	90
59) Diethylphthalate	15.53	149	753000	43.432	ng		97
60) 4-Chlorophenyl-phenylether	15.75	204	412794	41.296	ng		91
61) 4-Nitroaniline	15.81	138	180859	45.730	ng		87
62) Azobenzene	16.05	77	594868	41.420	ng		94
64) 4,6-Dinitro-2-methylphenol	15.86	198	109372	34.678	ng	#	75
65) n-Nitrosodiphenylamine	15.97	169	666581	41.792	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	278078	43.885	ng		99
67) Hexachlorobenzene	16.78	284	284424	43.469	ng		94
68) Atrazine	16.92	200	288209	49.418	ng		95
69) Pentachlorophenol	17.13	266	244469	77.888	ng		99
70) Phenanthrene	17.51	178	1198275	42.105	ng		97
71) Anthracene	17.60	178	1225273	43.532	ng		99
72) Carbazole	17.87	167	1146616	45.016	ng		99
73) Di-n-butylphthalate	18.41	149	1291838	43.919	ng		99
74) Fluoranthene	19.51	202	1558523	43.759	ng		96
76) Benzidine	19.69	184	853794	61.162	ng		97
77) Pyrene	19.88	202	1565559	42.003	ng		96
79) Butylbenzylphthalate	20.74	149	615720	47.089	ng		86
80) Benzo(a)anthracene	21.72	228	1545753	42.693	ng		98
81) 3,3'-Dichlorobenzidine	21.63	252	329795	26.172	ng	#	98
82) Chrysene	21.79	228	1463787	42.173	ng		97
83) Bis(2-ethylhexyl)phthalate	21.59	149	862887	45.870	ng		99
84) Di-n-octyl phthalate	22.82	149	1406079	45.313	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1443215	38.907	ng	#	53
87) Benzo(b)fluoranthene	23.98	252	1443572	43.640	ng		97
88) Benzo(k)fluoranthene	24.04	252	1432627	42.439	ng		96
89) Benzo(a)pyrene	24.87	252	1384779	44.130	ng		99
90) Dibenzo(a,h)anthracene	28.83	278	1201844	40.052	ng		99
91) Benzo(g,h,i)perylene	29.97	276	1181290	40.042	ng		96

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

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