Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031919.D
Acq On : 4 Jan 2018 17:28
Operator : SJ/JU
Sample : J1025-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(40-42)MSD

Manual Integrations APPROVED
Sohil
1/5/2018 11:55:01 AM

Quant Time: Jan 05 07:44:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	51543	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	217453	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	155986	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	391450	20.00	ng		0.00
75) Chrysene-d12	22.50	240	436673	20.00	ng		0.00
86) Perylene-d12	26.24	264	454148	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	304352	107.55	ng		0.00
7) Phenol-d6	7.89	99	418075	113.79	ng		0.00
23) Nitrobenzene-d5	9.99	82	225082	78.16	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	304066	127.75	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	780756	62.82	ng		0.00
78) Terphenyl-d14	20.69	244	1420596	74.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	25754	24.551	ng	#	73
3) Pyridine	4.32	79	73815	26.325	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	35013	30.944	ng	#	86
6) Aniline	8.08	93	122809	25.980	ng	#	90
8) 2-Chlorophenol	8.33	128	118234	36.018	ng	#	83
9) Benzaldehyde	7.88	77	24747	11.186	ng		82
10) Phenol	7.92	94	152040	40.988	ng		92
11) bis(2-Chloroethyl)ether	8.17	93	94195	30.577	ng	#	82
12) 1,3-Dichlorobenzene	8.67	146	125724	30.842	ng	#	93
13) 1,4-Dichlorobenzene	8.82	146	127553	30.631	ng		91
14) 1,2-Dichlorobenzene	9.15	146	121707	30.846	ng		94
15) Benzyl Alcohol	9.02	79	98935	35.870	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.32	45	97762	38.969	ng		80
17) 2-Methylphenol	9.22	107	99699	37.564	ng		97
18) Hexachloroethane	9.91	117	40173	31.853	ng		87
19) n-Nitroso-di-n-propylamine	9.60	70	78405	31.247	ng	#	85
20) 3+4-Methylphenols	9.55	107	140495	37.245	ng		91
22) Acetophenone	9.62	105	174003	34.442	ng	#	88
24) Nitrobenzene	10.03	77	110770	37.322	ng	#	85
25) Isophorone	10.55	82	227065	36.628	ng	#	86
26) 2-Nitrophenol	10.75	139	74597	47.937	ng	#	82
27) 2,4-Dimethylphenol	10.79	122	128514	39.246	ng		89
28) bis(2-Chloroethoxy)methane	11.03	93	141772	34.083	ng	#	94
29) 2,4-Dichlorophenol	11.30	162	151664	39.453	ng		92
30) 1,2,4-Trichlorobenzene	11.52	180	153146	32.628	ng		97
31) Naphthalene	11.72	128	369175	33.640	ng		99
33) 4-Chloroaniline	11.81	127	139579	28.568	ng	#	89
34) Hexachlorobutadiene	11.99	225	99672	30.931	ng		96
35) Caprolactam	12.55	113	53291	45.734	ng	#	55
36) 4-Chloro-3-methylphenol	12.88	107	145760	41.055	ng	#	79
37) 2-Methylnaphthalene	13.28	142	318253	35.773	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	227208	34.581	ng	#	95
40) Hexachlorocyclopentadiene	13.61	237	232338	67.032	ng		91
42) 2,4,6-Trichlorophenol	13.86	196	149198	39.386	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.94	196	164900	39.280	ng	#	91
45) 1,1'-Biphenyl	14.26	154	460830	34.590	ng		94
46) 2-Chloronaphthalene	14.31	162	351164	34.557	ng		95
47) 2-Nitroaniline	14.49	65	80635	45.944	ng	#	68
48) Acenaphthylene	15.15	152	541245	33.292	ng		99
49) Dimethylphthalate	14.85	163	575306	41.866	ng		99
50) 2,6-Dinitrotoluene	14.98	165	110828	43.841	ng	#	65
51) Acenaphthene	15.49	154	355163	33.357	ng		98
52) 3-Nitroaniline	15.30	138	90238	36.588	ng	#	71
53) 2,4-Dinitrophenol	15.50	184	23308m	27.266	ng		
54) Dibenzofuran	15.81	168	580573	35.571	ng		97
55) 4-Nitrophenol	15.59	139	173561	86.461	ng	#	69
56) 2,4-Dinitrotoluene	15.75	165	158833	48.863	ng	#	62
57) Fluorene	16.46	166	467882	35.288	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.02	232	174725	42.659	ng	#	85
59) Diethylphthalate	16.19	149	473083	35.321	ng		97
60) 4-Chlorophenyl-phenylether	16.43	204	280131	34.530	ng		91
61) 4-Nitroaniline	16.46	138	103553	43.025	ng		81
62) Azobenzene	16.73	77	304106	35.404	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	71207	39.228	ng	#	72
65) n-Nitrosodiphenylamine	16.64	169	443382	34.104	ng		98
66) 4-Bromophenyl-phenylether	17.33	248	203959	36.031	ng		96
67) Hexachlorobenzene	17.45	284	210875	36.442	ng	#	90
68) Atrazine	17.57	200	194410	38.457	ng		98
69) Pentachlorophenol	17.79	266	289233	72.669	ng		98
70) Phenanthrene	18.19	178	785065	35.438	ng		100
71) Anthracene	18.29	178	807083	36.116	ng		99
72) Carbazole	18.54	167	715674	36.184	ng		100
73) Di-n-butylphthalate	19.05	149	773788	35.203	ng		99
74) Fluoranthene	20.16	202	985198	36.244	ng		96
76) Benzidine	20.32	184	450574	33.430	ng		99
77) Pyrene	20.52	202	981529	35.189	ng		99
79) Butylbenzylphthalate	21.38	149	337960	36.093	ng	#	78
80) Benzo(a)anthracene	22.48	228	977716	35.198	ng		99
81) 3,3'-Dichlorobenzidine	22.37	252	328151	30.470	ng	#	95
82) Chrysene	22.55	228	920770	35.034	ng		97
83) Bis(2-ethylhexyl)phthalate	22.33	149	472571	34.835	ng	#	97
84) Di-n-octyl phthalate	23.72	149	781905	34.223	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.59	276	1161246	34.441	ng	#	88
87) Benzo(b)fluoranthene	25.04	252	987961	35.046	ng	#	97
88) Benzo(k)fluoranthene	25.12	252	959158	33.998	ng	#	97
89) Benzo(a)pyrene	26.07	252	974380	36.089	ng	#	95
90) Dibenzo(a,h)anthracene	30.67	278	971382	34.836	ng	#	97
91) Benzo(g,h,i)perylene	30.59	276	1161246	35.273	ng	#	91

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

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