Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033698.D
Acq On : 10 Apr 2018 3:18
Operator : SJ/JU
Sample : J2155-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-01-040618-AMSD

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:53 PM

Quant Time: Apr 10 07:43:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38822	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	163679	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	117814	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	302495	20.00	ng		0.00
75) Chrysene-d12	22.56	240	301742	20.00	ng		0.00
86) Perylene-d12	26.31	264	326849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	331774	160.25	ng		0.00
7) Phenol-d6	7.97	99	467034	131.29	ng		0.00
23) Nitrobenzene-d5	10.06	82	357113	100.24	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	245163	139.14	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	808944	99.12	ng		0.00
78) Terphenyl-d14	20.72	244	1423838	100.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	44289	42.123	ng	#	87
3) Pyridine	4.40	79	89783	30.891	ng		97
4) n-Nitrosodimethylamine	4.30	42	65534	54.943	ng	#	83
6) Aniline	8.16	93	78956	18.874	ng		92
8) 2-Chlorophenol	8.40	128	129784	54.833	ng		94
9) Benzaldehyde	7.96	77	33184	14.679	ng		86
10) Phenol	8.00	94	161513	45.986	ng		92
11) bis(2-Chloroethyl)ether	8.24	93	127516	44.481	ng		97
12) 1,3-Dichlorobenzene	8.74	146	140414	45.376	ng		95
13) 1,4-Dichlorobenzene	8.89	146	142883	46.106	ng		96
14) 1,2-Dichlorobenzene	9.22	146	138899	45.922	ng		96
15) Benzyl Alcohol	9.10	79	145986	52.123	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	237756	50.874	ng		94
17) 2-Methylphenol	9.30	107	115803m	48.400	ng		
18) Hexachloroethane	9.97	117	56394	47.149	ng		99
19) n-Nitroso-di-n-propylamine	9.67	70	123990	47.566	ng		97
20) 3+4-Methylphenols	9.63	107	157053	46.102	ng		91
22) Acetophenone	9.70	105	216216	48.217	ng	#	97
24) Nitrobenzene	10.11	77	181042	47.477	ng		91
25) Isophorone	10.62	82	357755	51.740	ng		100
26) 2-Nitrophenol	10.83	139	75494	52.293	ng	#	79
27) 2,4-Dimethylphenol	10.86	122	125421	59.803	ng		88
28) bis(2-Chloroethoxy)methane	11.10	93	181440	52.592	ng		96
29) 2,4-Dichlorophenol	11.38	162	136640	52.978	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	146825	43.816	ng		99
31) Naphthalene	11.79	128	415732	49.014	ng		97
32) Benzoic acid	10.99	122	58677	30.097	ng		89
33) 4-Chloroaniline	11.90	127	36993	9.735	ng	#	94
34) Hexachlorobutadiene	12.05	225	108065	42.644	ng		96
35) Caprolactam	12.63	113	40323	39.907	ng		98
36) 4-Chloro-3-methylphenol	12.96	107	170386	50.651	ng		92
37) 2-Methylnaphthalene	13.34	142	310259	47.128	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	194692	45.622	ng		99
40) Hexachlorocyclopentadiene	13.67	237	200767	80.251	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	127032	51.234	ng		97
43) 2,4,5-Trichlorophenol	14.01	196	147042	50.173	ng		98
45) 1,1'-Biphenyl	14.31	154	427983	47.284	ng		98
46) 2-Chloronaphthalene	14.37	162	329013	47.143	ng		96
47) 2-Nitroaniline	14.57	65	139756	53.464	ng		91
48) Acenaphthylene	15.21	152	545406	46.818	ng		99
49) Dimethylphthalate	14.90	163	481902	47.001	ng		100
50) 2,6-Dinitrotoluene	15.04	165	108228	51.624	ng		98
51) Acenaphthene	15.54	154	353647	47.092	ng		97
52) 3-Nitroaniline	15.38	138	49546	22.542	ng	#	93
53) 2,4-Dinitrophenol	15.58	184	41300	42.050	ng	#	77
54) Dibenzofuran	15.87	168	541382	48.805	ng		92
55) 4-Nitrophenol	15.66	139	143638	92.938	ng		90
56) 2,4-Dinitrotoluene	15.81	165	157729	51.098	ng		94
57) Fluorene	16.51	166	452071	47.837	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	138626	50.245	ng		100
59) Diethylphthalate	16.24	149	488100	49.026	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	251095	46.222	ng		99
61) 4-Nitroaniline	16.53	138	100190	45.014	ng	#	85
62) Azobenzene	16.78	77	489987	50.806	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	49350	27.271	ng		97
65) n-Nitrosodiphenylamine	16.70	169	424239	49.126	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	166344	46.824	ng		93
67) Hexachlorobenzene	17.51	284	168839	45.033	ng		97
68) Atrazine	17.61	200	173234	49.504	ng		98
69) Pentachlorophenol	17.85	266	186235	72.373	ng		96
70) Phenanthrene	18.25	178	761348	48.327	ng		97
71) Anthracene	18.34	178	800123	50.160	ng		99
72) Carbazole	18.60	167	693092	49.033	ng		97
73) Di-n-butylphthalate	19.09	149	842014	51.178	ng	#	99
74) Fluoranthene	20.21	202	957921	49.136	ng		97
76) Benzidine	20.36	184	107250	13.107	ng	#	93
77) Pyrene	20.56	202	952846	47.348	ng		98
79) Butylbenzylphthalate	21.42	149	385135	51.861	ng		95
80) Benzo(a)anthracene	22.53	228	941299	48.991	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	161249	23.584	ng		99
82) Chrysene	22.61	228	894445	48.091	ng		99
83) Bis(2-ethylhexyl)phthalate	22.35	149	535068	52.267	ng		99
84) Di-n-octyl phthalate	23.74	149	911305	58.139	ng		99
85) Indeno(1,2,3-cd)pyrene	30.69	276	1065348	52.979	ng	#	91
87) Benzo(b)fluoranthene	25.11	252	907329	48.048	ng	#	95
88) Benzo(k)fluoranthene	25.18	252	948748	49.676	ng		98
89) Benzo(a)pyrene	26.13	252	919248	50.691	ng	#	98
90) Dibenzo(a,h)anthracene	30.76	278	890791	52.148	ng		98
91) Benzo(g,h,i)perylene	32.07	276	867063	51.259	ng	#	96

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

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