Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031772.D
Acq On : 26 Dec 2017 21:38
Operator : SJ/JU
Sample : I7061-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-COMP1MSD

Manual Integrations APPROVED

Quant Time: Dec 27 12:19:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Sohil

12/27/2017 1:56:45 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	50244	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	211433	20.00	ng		-0.03
38) Acenaphthene-d10	15.44	164	153748	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	389365	20.00	ng		-0.03
75) Chrysene-d12	22.52	240	453613	20.00	ng		-0.05
86) Perylene-d12	26.27	264	497347	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	361993	131.23	ng		-0.02
7) Phenol-d6	7.91	99	423545	118.26	ng		-0.02
23) Nitrobenzene-d5	10.01	82	270777	96.71	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	349431	148.95	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	962944	78.61	ng		-0.03
78) Terphenyl-d14	20.70	244	1844181	92.88	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	31639	30.941	ng	#	73
3) Pyridine	4.35	79	80896	29.596	ng	#	73
4) n-Nitrosodimethylamine	4.23	42	38342	34.762	ng	#	81
6) Aniline	8.10	93	96889	21.026	ng	#	89
8) 2-Chlorophenol	8.35	128	141858	44.332	ng	#	81
9) Benzaldehyde	7.90	77	42046m	19.497	ng		
10) Phenol	7.94	94	136485	37.746	ng		93
11) bis(2-Chloroethyl)ether	8.19	93	114372	38.086	ng	#	79
12) 1,3-Dichlorobenzene	8.69	146	143343	36.073	ng	#	90
13) 1,4-Dichlorobenzene	8.84	146	145226	35.777	ng		93
14) 1,2-Dichlorobenzene	9.18	146	142232	36.979	ng		94
15) Benzyl Alcohol	9.04	79	115349	42.903	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.33	45	111092	45.427	ng		80
17) 2-Methylphenol	9.24	107	113613	43.913	ng		95
18) Hexachloroethane	9.93	117	45192	36.759	ng	#	82
19) n-Nitroso-di-n-propylamine	9.62	70	92479	37.809	ng	#	83
20) 3+4-Methylphenols	9.58	107	158309	43.052	ng		94
22) Acetophenone	9.65	105	208920	42.531	ng	#	86
24) Nitrobenzene	10.05	77	126956	43.994	ng	#	77
25) Isophorone	10.57	82	271134	44.982	ng	#	86
26) 2-Nitrophenol	10.77	139	80248	53.037	ng	#	79
27) 2,4-Dimethylphenol	10.81	122	163006	51.197	ng		88
28) bis(2-Chloroethoxy)methane	11.06	93	164255	40.612	ng	#	95
29) 2,4-Dichlorophenol	11.31	162	180937	48.408	ng		92
30) 1,2,4-Trichlorobenzene	11.54	180	177148	38.816	ng		95
31) Naphthalene	11.74	128	437895	41.038	ng		99
33) 4-Chloroaniline	11.83	127	90720	19.096	ng	#	92
34) Hexachlorobutadiene	12.01	225	115963	37.012	ng		98
35) Caprolactam	12.58	113	38061	33.594	ng	#	41
36) 4-Chloro-3-methylphenol	12.90	107	164155	47.553	ng	#	79
37) 2-Methylnaphthalene	13.30	142	358919	41.492	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	249565	38.537	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	246553	72.169	ng		94
42) 2,4,6-Trichlorophenol	13.88	196	168840	45.220	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.95	196	185618	44.859	ng	#	90
45) 1,1'-Biphenyl	14.28	154	526676	40.108	ng		96
46) 2-Chloronaphthalene	14.33	162	397067	39.643	ng		95
47) 2-Nitroaniline	14.52	65	84608	48.910	ng	#	55
48) Acenaphthylene	15.17	152	616146	38.451	ng		99
49) Dimethylphthalate	14.87	163	550464	40.641	ng		99
50) 2,6-Dinitrotoluene	14.99	165	120620	48.409	ng	#	64
51) Acenaphthene	15.50	154	393769	37.521	ng		97
52) 3-Nitroaniline	15.32	138	78058	32.110	ng	#	71
53) 2,4-Dinitrophenol	15.52	184	7653	14.173	ng	#	1
54) Dibenzofuran	15.83	168	656386	40.802	ng		98
55) 4-Nitrophenol	15.60	139	141079	71.303	ng	#	71
56) 2,4-Dinitrotoluene	15.77	165	165484	51.650	ng	#	62
57) Fluorene	16.47	166	529680	40.530	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	191755	47.499	ng	#	84
59) Diethylphthalate	16.21	149	533336	40.400	ng		96
60) 4-Chlorophenyl-phenylether	16.46	204	313405	39.194	ng		93
61) 4-Nitroaniline	16.48	138	107305	45.233	ng	#	77
62) Azobenzene	16.74	77	336902	39.793	ng		84
64) 4,6-Dinitro-2-methylphenol	16.52	198	13927	14.386	ng	#	65
65) n-Nitrosodiphenylamine	16.66	169	493586	38.169	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	231393	41.097	ng		96
67) Hexachlorobenzene	17.47	284	244002	42.392	ng	#	88
68) Atrazine	17.59	200	213729	42.505	ng		98
69) Pentachlorophenol	17.81	266	148639	37.545	ng		99
70) Phenanthrene	18.21	178	898135	40.759	ng		99
71) Anthracene	18.30	178	910278	40.952	ng		98
72) Carbazole	18.56	167	805109	40.923	ng		100
73) Di-n-butylphthalate	19.07	149	887463	40.590	ng		99
74) Fluoranthene	20.17	202	1134065	41.945	ng		95
76) Benzidine	20.33	184	277579	19.826	ng		99
77) Pyrene	20.53	202	1143342	39.459	ng		97
79) Butylbenzylphthalate	21.40	149	405310	41.669	ng	#	74
80) Benzo(a)anthracene	22.50	228	1186970	41.136	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	329220	29.427	ng	#	98
82) Chrysene	22.57	228	1115017	40.841	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	574362	40.757	ng	#	96
84) Di-n-octyl phthalate	23.75	149	998104	42.055	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.64	276	1529644	43.673	ng	#	88
87) Benzo(b)fluoranthene	25.07	252	1283230	41.566	ng	#	97
88) Benzo(k)fluoranthene	25.15	252	1251279	40.499	ng	#	97
89) Benzo(a)pyrene	26.10	252	1242769	42.032	ng	#	98
90) Dibenzo(a,h)anthracene	30.72	278	1284622	42.068	ng	#	95
91) Benzo(g,h,i)perylene	30.64	276	1529644	42.427	ng	#	93

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

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