Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033339.D
Acq On : 26 Mar 2018 21:10
Operator : SJ/JU
Sample : J1867-13MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C19013071MS

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:46 PM

Quant Time: Mar 27 08:16:18 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	43111	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	183757	20.00	ng		-0.03
38) Acenaphthene-d10	15.48	164	141496	20.00	ng		-0.03
63) Phenanthrene-d10	18.22	188	348901	20.00	ng		-0.02
75) Chrysene-d12	22.56	240	366128	20.00	ng		-0.04
86) Perylene-d12	26.32	264	393520	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	189012	82.21	ng		-0.03
7) Phenol-d6	7.97	99	189307	47.92	ng		-0.03
23) Nitrobenzene-d5	10.07	82	408248	102.07	ng		-0.03
41) 2,4,6-Tribromophenol	16.96	330	332957	157.33	ng		-0.03
44) 2-Fluorobiphenyl	14.12	172	1010356	103.08	ng		-0.02
78) Terphenyl-d14	20.73	244	1689344	98.68	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	21980	18.825	ng		83
3) Pyridine	4.39	79	45381m	14.060	ng		
4) n-Nitrosodimethylamine	4.30	42	30489m	23.019	ng		
6) Aniline	8.16	93	62304	13.412	ng	#	93
8) 2-Chlorophenol	8.41	128	118751	45.180	ng		97
9) Benzaldehyde	7.97	77	52118m	20.760	ng		
10) Phenol	8.01	94	70726	18.134	ng		85
11) bis(2-Chloroethyl)ether	8.25	93	142029	44.614	ng		96
12) 1,3-Dichlorobenzene	8.75	146	133423	38.827	ng		97
13) 1,4-Dichlorobenzene	8.90	146	136491	39.661	ng		95
14) 1,2-Dichlorobenzene	9.23	146	135920	40.467	ng		96
15) Benzyl Alcohol	9.10	79	102460	32.943	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.39	45	225554	43.462	ng		89
17) 2-Methylphenol	9.30	107	94395m	35.528	ng		
18) Hexachloroethane	9.99	117	52399	39.450	ng		91
19) n-Nitroso-di-n-propylamine	9.67	70	135988	46.979	ng		97
20) 3+4-Methylphenols	9.63	107	120815	31.937	ng		94
22) Acetophenone	9.71	105	237103	47.097	ng	#	94
24) Nitrobenzene	10.11	77	197999	46.251	ng		94
25) Isophorone	10.63	82	390723	50.334	ng		98
26) 2-Nitrophenol	10.84	139	82802	51.088	ng		96
27) 2,4-Dimethylphenol	10.87	122	123384	52.404	ng		88
28) bis(2-Chloroethoxy)methane	11.11	93	214063	55.269	ng		98
29) 2,4-Dichlorophenol	11.38	162	159225	54.989	ng		94
30) 1,2,4-Trichlorobenzene	11.60	180	166387	44.228	ng		94
31) Naphthalene	11.80	128	462407	48.560	ng		99
32) Benzoic acid	10.95	122	48669m	22.236	ng		
33) 4-Chloroaniline	11.89	127	78279m	18.349	ng		
34) Hexachlorobutadiene	12.06	225	120565	42.379	ng		98
35) Caprolactam	12.64	113	26998	23.800	ng		96
36) 4-Chloro-3-methylphenol	12.96	107	188111	49.810	ng		96
37) 2-Methylnaphthalene	13.35	142	357610	48.385	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	244047	47.616	ng		99
40) Hexachlorocyclopentadiene	13.67	237	258953	86.185	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	159370	53.518	ng		97
43) 2,4,5-Trichlorophenol	14.00	196	180533	51.291	ng		97
45) 1,1'-Biphenyl	14.33	154	503850	46.349	ng		95
46) 2-Chloronaphthalene	14.38	162	391568	46.716	ng		96
47) 2-Nitroaniline	14.57	65	151211	48.164	ng		96
48) Acenaphthylene	15.21	152	638177	45.613	ng		98
49) Dimethylphthalate	14.91	163	598497	48.603	ng		99
50) 2,6-Dinitrotoluene	15.04	165	125513	49.849	ng		98
51) Acenaphthene	15.55	154	486805	53.974	ng		95
52) 3-Nitroaniline	15.38	138	60547	22.937	ng	#	94
53) 2,4-Dinitrophenol	15.58	184	131597	98.927	ng	#	72
54) Dibenzofuran	15.88	168	667833	50.128	ng		93
55) 4-Nitrophenol	15.66	139	78125	42.089	ng		92
56) 2,4-Dinitrotoluene	15.82	165	185378	50.004	ng		94
57) Fluorene	16.52	166	566778	49.937	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	183214	55.291	ng		93
59) Diethylphthalate	16.25	149	573321	47.948	ng		97
60) 4-Chlorophenyl-phenylether	16.50	204	315482	48.354	ng		99
61) 4-Nitroaniline	16.54	138	112381	42.040	ng	#	84
62) Azobenzene	16.79	77	538872	46.523	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	102928	49.313	ng		92
65) n-Nitrosodiphenylamine	16.71	169	488633	49.056	ng		95
66) 4-Bromophenyl-phenylether	17.39	248	211562	51.632	ng		95
67) Hexachlorobenzene	17.52	284	218758	50.587	ng		94
68) Atrazine	17.63	200	210925	52.258	ng		96
69) Pentachlorophenol	17.85	266	285273	96.115	ng		99
70) Phenanthrene	18.26	178	908491	49.997	ng		98
71) Anthracene	18.35	178	918706	49.934	ng		99
72) Carbazole	18.60	167	785070	48.153	ng		97
73) Di-n-butylphthalate	19.10	149	933737	49.205	ng	#	98
74) Fluoranthene	20.21	202	1104657	49.126	ng		96
76) Benzidine	20.37	184	111774	11.257	ng		100
77) Pyrene	20.57	202	1116800	45.736	ng		98
79) Butylbenzylphthalate	21.42	149	445283	49.415	ng		93
80) Benzo(a)anthracene	22.54	228	1148561	49.266	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	264936	31.935	ng	#	96
82) Chrysene	22.61	228	1085006	48.078	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	617470	49.709	ng		99
84) Di-n-octyl phthalate	23.75	149	1070880	56.305	ng		96
85) Indeno(1,2,3-cd)pyrene	30.70	276	1351505	55.390	ng	#	89
87) Benzo(b)fluoranthene	25.11	252	1140723	50.174	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	1152621	50.126	ng	#	97
89) Benzo(a)pyrene	26.14	252	1142311	52.319	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	1131154	55.000	ng	#	96
91) Benzo(g,h,i)perylene	32.08	276	1106941	54.353	ng	#	95

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

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