Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030618\
Data File : BG033019.D
Acq On : 6 Mar 2018 13:06
Operator : SJ/JU
Sample : J1398-06MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Manual Integrations APPROVED
Sohil
3/7/2018 12:10:55 PM

Quant Time: Mar 06 17:49:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57892	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	266551	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	156910	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	355394	20.00	ng		0.00
75) Chrysene-d12	22.61	240	328184	20.00	ng		0.00
86) Perylene-d12	26.41	264	353909	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	513037	141.78	ng		0.00
7) Phenol-d6	8.01	99	655952	130.05	ng		0.00
23) Nitrobenzene-d5	10.11	82	451423	113.73	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	262725	159.24	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	945748	86.93	ng		0.00
78) Terphenyl-d14	20.77	244	1365238	93.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	57462	36.590	ng	#	92
3) Pyridine	4.43	79	130826	30.224	ng		90
4) n-Nitrosodimethylamine	4.33	42	95283	54.905	ng	#	83
6) Aniline	8.20	93	105763	15.491	ng		99
8) 2-Chlorophenol	8.46	128	189556	47.859	ng		94
9) Benzaldehyde	8.01	77	65636	22.579	ng		92
10) Phenol	8.04	94	220912	43.449	ng		95
11) bis(2-Chloroethyl)ether	8.29	93	175728	42.267	ng		98
12) 1,3-Dichlorobenzene	8.80	146	177343	38.228	ng		97
13) 1,4-Dichlorobenzene	8.95	146	182442	39.070	ng		96
14) 1,2-Dichlorobenzene	9.29	146	175511	39.223	ng		98
15) Benzyl Alcohol	9.14	79	177585	47.893	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.43	45	337943	47.283	ng		99
17) 2-Methylphenol	9.34	107	167931	44.790	ng		98
18) Hexachloroethane	10.04	117	66921	42.091	ng	#	85
19) n-Nitroso-di-n-propylamine	9.73	70	154540	43.400	ng	#	92
20) 3+4-Methylphenols	9.67	107	228357	43.804	ng		94
22) Acetophenone	9.76	105	284155	42.211	ng	#	98
24) Nitrobenzene	10.15	77	216342	50.509	ng		91
25) Isophorone	10.68	82	425399	45.469	ng		95
26) 2-Nitrophenol	10.88	139	105047	62.946	ng		97
27) 2,4-Dimethylphenol	10.91	122	205916	50.665	ng		90
28) bis(2-Chloroethoxy)methane	11.15	93	248694	45.629	ng		96
29) 2,4-Dichlorophenol	11.42	162	184276	49.957	ng		93
30) 1,2,4-Trichlorobenzene	11.65	180	171587	39.683	ng		97
31) Naphthalene	11.85	128	602096	43.228	ng		99
32) Benzoic acid	11.02	122	104411	43.249	ng	#	85
33) 4-Chloroaniline	11.93	127	86068	13.820	ng		96
34) Hexachlorobutadiene	12.11	225	91825	37.860	ng		93
35) Caprolactam	12.68	113	60509	40.967	ng		93
36) 4-Chloro-3-methylphenol	13.00	107	224945	52.403	ng		93
37) 2-Methylnaphthalene	13.40	142	439214	43.587	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	185964	39.924	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	191544	80.689	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	143870	48.978	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	162685	47.852	ng	#	95
45) 1,1'-Biphenyl	14.37	154	557519	40.661	ng		95
46) 2-Chloronaphthalene	14.43	162	421690	41.171	ng		96
47) 2-Nitroaniline	14.61	65	162235	59.773	ng		92
48) Acenaphthylene	15.26	152	697985	41.623	ng		98
49) Dimethylphthalate	14.95	163	565599	42.452	ng		99
50) 2,6-Dinitrotoluene	15.08	165	127077	55.842	ng		92
51) Acenaphthene	15.59	154	467888	44.802	ng		98
52) 3-Nitroaniline	15.41	138	81928	32.855	ng	#	86
53) 2,4-Dinitrophenol	15.61	184	77688	101.237	ng	#	1
54) Dibenzofuran	15.92	168	658124	44.257	ng		94
55) 4-Nitrophenol	15.68	139	184526	84.172	ng		88
56) 2,4-Dinitrotoluene	15.86	165	178827	63.545	ng	#	85
57) Fluorene	16.56	166	534209	43.525	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	139254m	52.757	ng		
59) Diethylphthalate	16.29	149	605186	43.066	ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	263905	43.954	ng		92
61) 4-Nitroaniline	16.56	138	132875	46.282	ng		86
62) Azobenzene	16.83	77	563307	44.808	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	68545	60.089	ng		95
65) n-Nitrosodiphenylamine	16.75	169	489802	42.365	ng		98
66) 4-Bromophenyl-phenylether	17.43	248	159598	42.470	ng	#	86
67) Hexachlorobenzene	17.56	284	166819	41.078	ng	#	92
68) Atrazine	17.66	200	169701	44.592	ng		96
69) Pentachlorophenol	17.89	266	201214	78.662	ng		99
70) Phenanthrene	18.30	178	842928	42.513	ng		98
71) Anthracene	18.38	178	852368	42.820	ng		99
72) Carbazole	18.64	167	800675	40.808	ng		98
73) Di-n-butylphthalate	19.14	149	1008341	41.892	ng		99
74) Fluoranthene	20.25	202	931733	42.541	ng		94
76) Benzidine	20.41	184	37422	3.345	ng		99
77) Pyrene	20.61	202	933702	40.344	ng		97
79) Butylbenzylphthalate	21.46	149	477054	46.491	ng		95
80) Benzo(a)anthracene	22.58	228	905063	43.006	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	173407	22.248	ng	#	98
82) Chrysene	22.67	228	854167	42.489	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	674994	44.440	ng	#	97
84) Di-n-octyl phthalate	23.82	149	1167929	50.447	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	973319	41.515	ng		98
87) Benzo(b)fluoranthene	25.19	252	896755	42.855	ng	#	97
88) Benzo(k)fluoranthene	25.27	252	911449	43.827	ng	#	96
89) Benzo(a)pyrene	26.23	252	880424	44.236	ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	792152	39.541	ng	#	95
91) Benzo(g,h,i)perylene	32.22	276	812248	41.129	ng	#	93

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

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