Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016377.D
Acq On : 15 Aug 2018 13:06
Operator : SJ/JU
Sample : PB112015BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112015BS

Quant Time: Aug 16 01:26:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18310	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	71620	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	40815	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	84835	20.00	ng		0.00
75) Chrysene-d12	21.62	240	102967	20.00	ng		0.00
86) Perylene-d12	23.94	264	102498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	159930	145.09	ng		0.00
7) Phenol-d6	7.29	99	185201	128.66	ng		0.00
23) Nitrobenzene-d5	9.30	82	145999	94.81	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	67307	130.02	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	300112	89.47	ng		0.00
78) Terphenyl-d14	20.06	244	503767	102.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	25725	49.811	ng	#	100
3) Pyridine	3.88	79	55272	44.426	ng	#	69
4) n-Nitrosodimethylamine	3.79	42	62121	64.017	ng	#	27
6) Aniline	7.45	93	50890	30.704	ng	#	87
8) 2-Chlorophenol	7.67	128	59828	45.669	ng		97
9) Benzaldehyde	7.26	77	28219	27.902	ng		82
10) Phenol	7.31	94	62870	43.678	ng		88
11) bis(2-Chloroethyl)ether	7.54	93	46132	40.569	ng		87
12) 1,3-Dichlorobenzene	7.99	146	66550	43.399	ng	#	80
13) 1,4-Dichlorobenzene	8.15	146	68825	44.255	ng	#	94
14) 1,2-Dichlorobenzene	8.46	146	65924	43.322	ng	#	91
15) Benzyl Alcohol	8.37	79	51790	45.184	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.64	45	61110	35.114	ng		93
17) 2-Methylphenol	8.57	107	44658	45.392	ng	#	75
18) Hexachloroethane	9.18	117	33478	49.799	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	42298	40.202	ng	#	67
20) 3+4-Methylphenols	8.90	107	58541	41.357	ng		82
22) Acetophenone	8.96	105	86747	48.102	ng	#	78
24) Nitrobenzene	9.35	77	72695	46.901	ng	#	94
25) Isophorone	9.86	82	110720	52.567	ng	#	91
26) 2-Nitrophenol	10.05	139	29929	46.256	ng	#	36
27) 2,4-Dimethylphenol	10.10	122	49782	55.225	ng	#	76
28) bis(2-Chloroethoxy)methane	10.33	93	60543	44.225	ng		99
29) 2,4-Dichlorophenol	10.59	162	53105	49.577	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	61758	47.452	ng	#	94
31) Naphthalene	10.97	128	171613	47.345	ng		98
32) Benzoic acid	10.28	122	32105	46.721	ng	#	86
33) 4-Chloroaniline	11.11	127	43359	29.313	ng	#	85
34) Hexachlorobutadiene	11.23	225	49086	54.372	ng		94
35) Caprolactam	11.92	113	12800	43.144	ng	#	88
36) 4-Chloro-3-methylphenol	12.23	107	56970	48.355	ng		86
37) 2-Methylnaphthalene	12.57	142	125278	51.594	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	70704	50.883	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	54461	79.862	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	42395	48.765	ng		92
43) 2,4,5-Trichlorophenol	13.28	196	43925	48.983	ng	#	81
45) 1,1'-Biphenyl	13.58	154	159980	43.432	ng		100
46) 2-Chloronaphthalene	13.63	162	122550	42.776	ng	#	88
47) 2-Nitroaniline	13.86	65	42040	44.385	ng	#	74
48) Acenaphthylene	14.47	152	196116	46.761	ng		99
49) Dimethylphthalate	14.20	163	159683	44.705	ng		100
50) 2,6-Dinitrotoluene	14.35	165	32732	45.544	ng	#	47
51) Acenaphthene	14.82	154	111434	43.202	ng		92
52) 3-Nitroaniline	14.69	138	22991	29.617	ng	#	68
53) 2,4-Dinitrophenol	14.91	184	29827	95.378	ng	#	55
54) Dibenzofuran	15.15	168	187729	44.165	ng	#	77
55) 4-Nitrophenol	15.00	139	42715	76.759	ng	#	85
56) 2,4-Dinitrotoluene	15.15	165	47844	46.558	ng	#	59
57) Fluorene	15.80	166	147876	46.817	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	38579	50.051	ng	#	100
59) Diethylphthalate	15.56	149	175339	45.542	ng	#	94
60) 4-Chlorophenyl-phenylether	15.78	204	80558	45.814	ng	#	82
61) 4-Nitroaniline	15.85	138	28687	38.517	ng	#	1
62) Azobenzene	16.07	77	199274	49.147	ng	#	70
64) 4,6-Dinitro-2-methylphenol	15.91	198	22586	43.863	ng	#	82
65) n-Nitrosodiphenylamine	16.00	169	125301	44.855	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	45512	47.377	ng	#	68
67) Hexachlorobenzene	16.79	284	46696	44.141	ng	#	62
68) Atrazine	16.94	200	50847	50.786	ng		99
69) Pentachlorophenol	17.14	266	47471	72.468	ng		97
70) Phenanthrene	17.53	178	223734	47.106	ng		99
71) Anthracene	17.62	178	229667	49.754	ng		98
72) Carbazole	17.90	167	200630	41.954	ng	#	96
73) Di-n-butylphthalate	18.42	149	291049	48.842	ng	#	96
74) Fluoranthene	19.52	202	263542	49.743	ng		96
76) Benzidine	19.71	184	136700	47.509	ng		98
77) Pyrene	19.88	202	273883	44.386	ng		99
79) Butylbenzylphthalate	20.74	149	148619	47.412	ng	#	72
80) Benzo(a)anthracene	21.60	228	302189	47.650	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	81055	31.731	ng		98
82) Chrysene	21.66	228	284491	46.765	ng		99
83) Bis(2-ethylhexyl)phthalate	21.49	149	214189	47.148	ng		91
84) Di-n-octyl phthalate	22.39	149	376313	49.286	ng	#	86
85) Indeno(1,2,3-cd)pyrene	26.33	276	353840	49.015	ng		98
87) Benzo(b)fluoranthene	23.24	252	292693	48.500	ng	#	94
88) Benzo(k)fluoranthene	23.29	252	292222	47.780	ng	#	96
89) Benzo(a)pyrene	23.84	252	289186	49.847	ng	#	98
90) Dibenzo(a,h)anthracene	26.32	278	300590	50.008	ng	#	94
91) Benzo(g,h,i)perylene	27.05	276	276064	48.560	ng	#	87

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

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