Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016610.D
Acq On : 27 Aug 2018 17:15
Operator : SJ/JU
Sample : J4636-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BYR-2-E(9-10)MS

Quant Time: Aug 28 03:54:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	103828	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	374330	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	282841	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	906836	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1239890	20.00	ng		0.00
86) Perylene-d12	23.81	264	1247725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	538132	101.56	ng		0.00
7) Phenol-d6	7.19	99	686071	97.85	ng		0.00
23) Nitrobenzene-d5	9.19	82	630898	76.95	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	923276	116.77	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	2124615	72.20	ng		0.00
78) Terphenyl-d14	19.98	244	5008652	85.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	87472	29.883	ng	#	100
3) Pyridine	3.80	79	155094	25.466	ng	#	79
4) n-Nitrosodimethylamine	3.72	42	109593	40.393	ng	#	70
6) Aniline	7.34	93	171593	21.871	ng	#	86
8) 2-Chlorophenol	7.57	128	218927	34.724	ng		97
9) Benzaldehyde	7.16	77	147438	30.301	ng	#	77
10) Phenol	7.21	94	244447	35.254	ng		88
11) bis(2-Chloroethyl)ether	7.43	93	158107	30.408	ng		100
12) 1,3-Dichlorobenzene	7.89	146	268613	32.135	ng	#	88
13) 1,4-Dichlorobenzene	8.04	146	267089	31.135	ng		93
14) 1,2-Dichlorobenzene	8.35	146	271868	32.259	ng	#	93
15) Benzyl Alcohol	8.27	79	204817	31.457	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.53	45	111523	31.150	ng	#	37
17) 2-Methylphenol	8.46	107	171656	34.187	ng	#	69
18) Hexachloroethane	9.06	117	148309	37.528	ng	#	43
19) n-Nitroso-di-n-propylamine	8.82	70	174724	31.785	ng	#	89
20) 3+4-Methylphenols	8.80	107	224276	32.305	ng	#	82
22) Acetophenone	8.85	105	347367	38.537	ng	#	99
24) Nitrobenzene	9.23	77	309836	37.824	ng	#	88
25) Isophorone	9.75	82	483425	44.119	ng	#	93
26) 2-Nitrophenol	9.95	139	120558	34.426	ng	#	43
27) 2,4-Dimethylphenol	10.00	122	193568	42.415	ng	#	75
28) bis(2-Chloroethoxy)methane	10.23	93	244634	37.401	ng		96
29) 2,4-Dichlorophenol	10.47	162	292028	42.756	ng		92
30) 1,2,4-Trichlorobenzene	10.67	180	455772	43.977	ng	#	97
31) Naphthalene	10.86	128	709904	39.805	ng		97
33) 4-Chloroaniline	11.00	127	141188	18.811	ng	#	83
34) Hexachlorobutadiene	11.10	225	466703	47.180	ng		96
35) Caprolactam	11.81	113	47691	29.099	ng	#	62
36) 4-Chloro-3-methylphenol	12.12	107	247166	37.642	ng		87
37) 2-Methylnaphthalene	12.46	142	602768	43.172	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	731418	45.788	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	748672	95.653	ng		95
42) 2,4,6-Trichlorophenol	13.09	196	411917	43.122	ng		93

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	400779	42.952 ng	#	96
45) 1,1'-Biphenyl	13.47	154	846988	34.152 ng		97
46) 2-Chloronaphthalene	13.53	162	701042	34.793 ng		95
47) 2-Nitroaniline	13.76	65	178767	33.310 ng	#	79
48) Acenaphthylene	14.37	152	1033774	36.347 ng		99
49) Dimethylphthalate	14.11	163	1259077	46.335 ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	198257	37.406 ng	#	70
51) Acenaphthene	14.71	154	625705	35.809 ng		95
52) 3-Nitroaniline	14.60	138	99487	20.629 ng	#	71
53) 2,4-Dinitrophenol	14.83	184	145098	54.705 ng	#	68
54) Dibenzofuran	15.04	168	1261650	37.718 ng		92
55) 4-Nitrophenol	14.92	139	187309	60.895 ng	#	80
56) 2,4-Dinitrotoluene	15.05	165	306199	34.645 ng	#	97
57) Fluorene	15.69	166	1007646	39.877 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	412473	45.993 ng	#	100
59) Diethylphthalate	15.46	149	967415	34.144 ng	#	93
60) 4-Chlorophenyl-phenylether	15.68	204	873477	41.220 ng	#	84
61) 4-Nitroaniline	15.76	138	135242	28.694 ng	#	1
62) Azobenzene	15.97	77	1162861	38.533 ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	191692	27.820 ng	#	53
65) n-Nitrosodiphenylamine	15.90	169	864583	33.890 ng		96
66) 4-Bromophenyl-phenylether	16.57	248	558829	40.106 ng		94
67) Hexachlorobenzene	16.69	284	611901	37.657 ng		95
68) Atrazine	16.85	200	509496	43.761 ng		93
69) Pentachlorophenol	17.04	266	543516	63.216 ng		97
70) Phenanthrene	17.43	178	1723021	36.762 ng		99
71) Anthracene	17.52	178	1761316	37.843 ng		99
72) Carbazole	17.80	167	1254463	29.992 ng		99
73) Di-n-butylphthalate	18.32	149	1646160	32.282 ng	#	97
74) Fluoranthene	19.43	202	2631816	38.296 ng		94
76) Benzidine	19.63	184	810812	34.004 ng		100
77) Pyrene	19.79	202	2707147	40.175 ng		99
79) Butylbenzylphthalate	20.66	149	788826	33.915 ng	#	73
80) Benzo(a)anthracene	21.52	228	2877356	39.473 ng		99
81) 3,3'-Dichlorobenzidine	21.45	252	798810	24.618 ng	#	96
82) Chrysene	21.57	228	2594879	37.309 ng		99
83) Bis(2-ethylhexyl)phthalate	21.41	149	1112135	32.164 ng	#	96
84) Di-n-octyl phthalate	22.29	149	1809285	31.487 ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.13	276	3466736	34.660 ng	#	92
87) Benzo(b)fluoranthene	23.13	252	3080799	42.833 ng	#	91
88) Benzo(k)fluoranthene	23.17	252	2806934	38.355 ng	#	93
89) Benzo(a)pyrene	23.71	252	2789862	39.864 ng	#	94
90) Dibenzo(a,h)anthracene	26.13	278	2940582	37.492 ng	#	88
91) Benzo(g,h,i)perylene	26.84	276	2715698	38.573 ng	#	80

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

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