Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016246.D
Acq On : 08 Aug 2018 12:47
Operator : SJ/JU
Sample : J4327-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-02-007-ABCDMS

Quant Time: Aug 08 16:24:24 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 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	41995	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	155742	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	77314	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	155315	20.00	ng		0.00
75) Chrysene-d12	21.63	240	159226	20.00	ng		0.00
86) Perylene-d12	23.97	264	162455	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	238724	94.43	ng		0.00
7) Phenol-d6	7.30	99	287161	86.98	ng		0.00
23) Nitrobenzene-d5	9.32	82	214715	64.12	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	84973	86.65	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	388241	61.10	ng		0.00
78) Terphenyl-d14	20.09	244	500709	65.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	27887	23.543	ng	#	100
3) Pyridine	3.90	79	38757	13.582	ng	#	82
4) n-Nitrosodimethylamine	3.80	42	74583	33.511	ng	#	33
6) Aniline	7.46	93	77424	20.367	ng	#	88
8) 2-Chlorophenol	7.70	128	82883	27.585	ng		96
9) Benzaldehyde	7.28	77	42959	18.520	ng		91
10) Phenol	7.33	94	94419	28.600	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	70837	27.161	ng		87
12) 1,3-Dichlorobenzene	8.02	146	93580	26.608	ng	#	87
13) 1,4-Dichlorobenzene	8.17	146	93510	26.216	ng	#	94
14) 1,2-Dichlorobenzene	8.49	146	92754	26.576	ng	#	92
15) Benzyl Alcohol	8.39	79	74407	28.304	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	101113	25.332	ng		98
17) 2-Methylphenol	8.59	107	64772	28.705	ng	#	84
18) Hexachloroethane	9.21	117	42677	27.679	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	62416	25.865	ng	#	71
20) 3+4-Methylphenols	8.92	107	84881	26.145	ng		84
22) Acetophenone	8.98	105	122866	31.331	ng	#	83
24) Nitrobenzene	9.37	77	101619	30.150	ng		97
25) Isophorone	9.88	82	158190	34.538	ng	#	92
26) 2-Nitrophenol	10.07	139	42622	30.293	ng	#	49
27) 2,4-Dimethylphenol	10.13	122	69530	35.470	ng		86
28) bis(2-Chloroethoxy)methane	10.36	93	87853	29.511	ng		98
29) 2,4-Dichlorophenol	10.61	162	72120	30.962	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	82147	29.026	ng	#	96
31) Naphthalene	11.00	128	242368	30.749	ng		99
32) Benzoic acid	10.26	122	23017	15.403	ng	#	79
33) 4-Chloroaniline	11.13	127	73757	22.930	ng	#	89
34) Hexachlorobutadiene	11.26	225	56873	28.970	ng		98
35) Caprolactam	11.93	113	17637	27.338	ng		93
36) 4-Chloro-3-methylphenol	12.24	107	75792	29.583	ng	#	82
37) 2-Methylnaphthalene	12.60	142	171693	32.517	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	83172	31.599	ng	#	100
40) Hexachlorocyclopentadiene	12.93	237	75300	60.365	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	53561	32.524 ng		97
43) 2,4,5-Trichlorophenol	13.29	196	54410	32.031 ng	#	78
45) 1,1'-Biphenyl	13.60	154	208809	29.927 ng		99
46) 2-Chloronaphthalene	13.66	162	162386	29.923 ng	#	89
47) 2-Nitroaniline	13.87	65	54094	30.150 ng	#	79
48) Acenaphthylene	14.50	152	259084	32.612 ng		99
49) Dimethylphthalate	14.23	163	237155	35.050 ng		99
50) 2,6-Dinitrotoluene	14.37	165	40872	30.022 ng	#	51
51) Acenaphthene	14.83	154	146397	29.962 ng		93
52) 3-Nitroaniline	14.70	138	36278	24.671 ng	#	80
53) 2,4-Dinitrophenol	14.93	184	30021	53.546 ng	#	66
54) Dibenzofuran	15.17	168	237725	29.525 ng	#	79
55) 4-Nitrophenol	15.02	139	59542	56.485 ng	#	89
56) 2,4-Dinitrotoluene	15.16	165	57082	29.324 ng	#	73
57) Fluorene	15.82	166	184907	30.904 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	46148	31.607 ng	#	100
59) Diethylphthalate	15.57	149	214923	29.470 ng		94
60) 4-Chlorophenyl-phenylether	15.80	204	92620	27.807 ng	#	78
61) 4-Nitroaniline	15.86	138	37726	26.741 ng	#	1
62) Azobenzene	16.09	77	237223	30.886 ng	#	73
64) 4,6-Dinitro-2-methylphenol	15.93	198	28396	30.121 ng		86
65) n-Nitrosodiphenylamine	16.02	169	155637	30.432 ng		95
66) 4-Bromophenyl-phenylether	16.69	248	52916	30.088 ng	#	69
67) Hexachlorobenzene	16.81	284	56419	29.131 ng	#	61
68) Atrazine	16.96	200	56765	30.969 ng		98
69) Pentachlorophenol	17.16	266	57944	48.315 ng		98
70) Phenanthrene	17.55	178	267805	30.798 ng		97
71) Anthracene	17.64	178	270465	32.004 ng		97
72) Carbazole	17.92	167	247310	28.248 ng	#	95
73) Di-n-butylphthalate	18.44	149	343554	31.491 ng	#	97
74) Fluoranthene	19.54	202	298623	30.787 ng		98
76) Benzidine	19.73	184	38413	8.633 ng		98
77) Pyrene	19.90	202	305249	31.990 ng		99
79) Butylbenzylphthalate	20.76	149	159280	32.859 ng	#	80
80) Benzo(a)anthracene	21.62	228	314844	32.104 ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	93235	23.603 ng		98
82) Chrysene	21.67	228	293870	31.238 ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	230710	32.841 ng		94
84) Di-n-octyl phthalate	22.41	149	392490	33.242 ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	370416	33.182 ng	#	96
87) Benzo(b)fluoranthene	23.27	252	319131	33.365 ng	#	95
88) Benzo(k)fluoranthene	23.31	252	294760	30.408 ng	#	97
89) Benzo(a)pyrene	23.87	252	301023	32.737 ng		99
90) Dibenzo(a,h)anthracene	26.36	278	311428	32.689 ng	#	95
91) Benzo(g,h,i)perylene	27.10	276	297058	32.968 ng	#	93

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

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