Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016226.D
Acq On : 07 Aug 2018 20:53
Operator : SJ/JU
Sample : J4297-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1MS

Quant Time: Aug 08 01:38:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 07 16:15:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	37213	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	155998	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	93445	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	218740	20.00	ng		0.00
75) Chrysene-d12	21.64	240	277384	20.00	ng		0.00
86) Perylene-d12	23.98	264	274790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	237473	106.00	ng		0.00
7) Phenol-d6	7.30	99	314535	107.51	ng		0.00
23) Nitrobenzene-d5	9.33	82	227814	67.92	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	130871	110.42	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	462103	60.17	ng		0.00
78) Terphenyl-d14	20.09	244	895048	67.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	27599	26.294	ng	#	100
3) Pyridine	3.89	79	66566	26.326	ng	#	68
4) n-Nitrosodimethylamine	3.80	42	73862	37.452	ng	#	31
6) Aniline	7.47	93	59543	17.676	ng	#	88
8) 2-Chlorophenol	7.70	128	88089	33.085	ng		91
9) Benzaldehyde	7.29	77	44353	21.578	ng		84
10) Phenol	7.33	94	108381	37.048	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	68726	29.738	ng		92
12) 1,3-Dichlorobenzene	8.02	146	86313	27.695	ng	#	90
13) 1,4-Dichlorobenzene	8.17	146	89130	28.199	ng	#	94
14) 1,2-Dichlorobenzene	8.49	146	86542	27.982	ng		96
15) Benzyl Alcohol	8.39	79	83054	35.653	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.67	45	98906	27.963	ng		99
17) 2-Methylphenol	8.59	107	70638	35.327	ng	#	82
18) Hexachloroethane	9.21	117	41028	30.029	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	69366	32.439	ng	#	71
20) 3+4-Methylphenols	8.92	107	97252	33.805	ng		83
22) Acetophenone	8.98	105	131424	33.458	ng	#	81
24) Nitrobenzene	9.37	77	109765	32.513	ng		96
25) Isophorone	9.89	82	182799	39.845	ng	#	94
26) 2-Nitrophenol	10.08	139	46154	32.749	ng	#	47
27) 2,4-Dimethylphenol	10.13	122	81274	41.394	ng	#	81
28) bis(2-Chloroethoxy)methane	10.36	93	98794	33.132	ng		99
29) 2,4-Dichlorophenol	10.61	162	83584	35.825	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	82329	29.042	ng	#	95
31) Naphthalene	11.00	128	256678	32.511	ng		98
32) Benzoic acid	10.25	122	10704	7.152	ng		88
33) 4-Chloroaniline	11.13	127	54422	16.892	ng	#	87
34) Hexachlorobutadiene	11.26	225	56082	28.521	ng		96
35) Caprolactam	11.94	113	24958	38.622	ng	#	90
36) 4-Chloro-3-methylphenol	12.25	107	102517	39.949	ng		88
37) 2-Methylnaphthalene	12.60	142	193598	36.605	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	97779	30.735	ng	#	100
40) Hexachlorocyclopentadiene	12.93	237	81187	54.677	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	69217	34.775	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	74737	36.402	ng	#	77
45) 1,1'-Biphenyl	13.61	154	252280	29.915	ng		100
46) 2-Chloronaphthalene	13.66	162	196542	29.965	ng	#	85
47) 2-Nitroaniline	13.88	65	76518	35.286	ng	#	78
48) Acenaphthylene	14.50	152	336079	35.001	ng		99
49) Dimethylphthalate	14.23	163	349703	42.762	ng		99
50) 2,6-Dinitrotoluene	14.37	165	58287	35.424	ng	#	47
51) Acenaphthene	14.84	154	188489	31.918	ng		98
52) 3-Nitroaniline	14.70	138	37022	20.831	ng	#	72
53) 2,4-Dinitrophenol	14.93	184	19605	31.744	ng	#	70
54) Dibenzofuran	15.17	168	317409	32.616	ng	#	79
55) 4-Nitrophenol	15.01	139	91573	71.876	ng		94
56) 2,4-Dinitrotoluene	15.16	165	85223	36.223	ng	#	73
57) Fluorene	15.82	166	256959	35.533	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	67376	38.180	ng	#	100
59) Diethylphthalate	15.58	149	317960	36.072	ng		94
60) 4-Chlorophenyl-phenylether	15.80	204	128944	32.030	ng	#	82
61) 4-Nitroaniline	15.87	138	55755	32.698	ng	#	1
62) Azobenzene	16.10	77	338425	36.456	ng	#	75
64) 4,6-Dinitro-2-methylphenol	15.93	198	33550	25.270	ng	#	79
65) n-Nitrosodiphenylamine	16.03	169	222407	30.878	ng		97
66) 4-Bromophenyl-phenylether	16.69	248	76990	31.083	ng	#	74
67) Hexachlorobenzene	16.82	284	79997	29.328	ng	#	61
68) Atrazine	16.97	200	89382	34.624	ng		99
69) Pentachlorophenol	17.16	266	95333	56.442	ng		97
70) Phenanthrene	17.55	178	404376	33.020	ng		98
71) Anthracene	17.64	178	414089	34.791	ng		97
72) Carbazole	17.92	167	395113	32.044	ng	#	96
73) Di-n-butylphthalate	18.44	149	556987	36.251	ng	#	95
74) Fluoranthene	19.54	202	495653	36.284	ng		98
76) Benzidine	19.73	184	218341	28.168	ng		98
77) Pyrene	19.90	202	502993	30.259	ng		98
79) Butylbenzylphthalate	20.76	149	288817	34.202	ng	#	75
80) Benzo(a)anthracene	21.62	228	570467	33.391	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	122635	17.821	ng		99
82) Chrysene	21.68	228	525553	32.069	ng		100
83) Bis(2-ethylhexyl)phthalate	21.52	149	423203	34.580	ng	#	92
84) Di-n-octyl phthalate	22.42	149	745024	36.221	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.37	276	614073	31.576	ng	#	95
87) Benzo(b)fluoranthene	23.27	252	565596	34.959	ng	#	95
88) Benzo(k)fluoranthene	23.31	252	560528	34.186	ng	#	97
89) Benzo(a)pyrene	23.88	252	543699	34.957	ng		99
90) Dibenzo(a,h)anthracene	26.37	278	525176	32.590	ng	#	95
91) Benzo(g,h,i)perylene	27.10	276	468830	30.761	ng	#	91

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

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