Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016453.D
Acq On : 18 Aug 2018 00:44
Operator : SJ/JU
Sample : J4521-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RT2286MS

Quant Time: Aug 18 01:53:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	11199	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	49511	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	38665	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	104191	20.00	ng		0.00
75) Chrysene-d12	21.58	240	161011	20.00	ng		0.00
86) Perylene-d12	23.89	264	158169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	92526	138.85	ng		0.00
7) Phenol-d6	7.23	99	116957	130.58	ng		0.00
23) Nitrobenzene-d5	9.25	82	122859	103.34	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	107882	184.74	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	328512	88.35	ng		0.00
78) Terphenyl-d14	20.03	244	1014526	95.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	11068	33.166	ng	#	100
3) Pyridine	3.85	79	18183	27.064	ng	#	56
4) n-Nitrosodimethylamine	3.75	42	36292	46.882	ng	#	18
6) Aniline	7.39	93	28803	31.076	ng	#	80
8) 2-Chlorophenol	7.62	128	38259	46.568	ng		95
9) Benzaldehyde	7.21	77	19721	33.486	ng	#	72
10) Phenol	7.26	94	35141	40.502	ng		78
11) bis(2-Chloroethyl)ether	7.48	93	27682	42.026	ng		88
12) 1,3-Dichlorobenzene	7.94	146	37126	39.429	ng	#	79
13) 1,4-Dichlorobenzene	8.09	146	37888	39.804	ng	#	91
14) 1,2-Dichlorobenzene	8.40	146	37339	39.931	ng	#	91
15) Benzyl Alcohol	8.32	79	36977	45.482	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	34811	41.984	ng		85
17) 2-Methylphenol	8.52	107	29227	46.618	ng	#	75
18) Hexachloroethane	9.12	117	22100	45.085	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	30178	44.377	ng	#	65
20) 3+4-Methylphenols	8.85	107	39617	45.982	ng	#	76
22) Acetophenone	8.90	105	60306	45.415	ng	#	67
24) Nitrobenzene	9.29	77	53540	46.719	ng	#	92
25) Isophorone	9.80	82	89244	56.283	ng	#	91
26) 2-Nitrophenol	10.00	139	20492	42.508	ng	#	27
27) 2,4-Dimethylphenol	10.05	122	36912	57.276	ng	#	66
28) bis(2-Chloroethoxy)methane	10.28	93	45072	49.140	ng		95
29) 2,4-Dichlorophenol	10.53	162	42191	48.427	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	42829	41.571	ng	#	95
31) Naphthalene	10.92	128	122826	48.914	ng		98
32) Benzoic acid	10.25	122	24640	47.072	ng	#	67
33) 4-Chloroaniline	11.06	127	12378	11.502	ng	#	83
34) Hexachlorobutadiene	11.17	225	35979	40.514	ng		98
35) Caprolactam	11.87	113	8474	37.939	ng		89
36) 4-Chloro-3-methylphenol	12.17	107	53364	53.714	ng		86
37) 2-Methylnaphthalene	12.52	142	105037	56.385	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	65208	41.196	ng	#	100
40) Hexachlorocyclopentadiene	12.85	237	54205	78.475	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	43252	43.720	ng		98
43) 2,4,5-Trichlorophenol	13.22	196	46400	48.074	ng	#	79
45) 1,1'-Biphenyl	13.53	154	151134	42.231	ng		98
46) 2-Chloronaphthalene	13.58	162	116812	41.839	ng	#	85
47) 2-Nitroaniline	13.80	65	47472	49.032	ng	#	70
48) Acenaphthylene	14.42	152	205743	49.009	ng		99
49) Dimethylphthalate	14.16	163	187240	49.381	ng		99
50) 2,6-Dinitrotoluene	14.30	165	37071	51.511	ng	#	26
51) Acenaphthene	14.76	154	117815	46.503	ng		97
52) 3-Nitroaniline	14.64	138	18834	26.562	ng	#	69
53) 2,4-Dinitrophenol	14.86	184	39669	102.631	ng	#	49
54) Dibenzofuran	15.10	168	217234	48.663	ng	#	78
55) 4-Nitrophenol	14.95	139	45769	98.821	ng	#	76
56) 2,4-Dinitrotoluene	15.10	165	62117	51.636	ng	#	51
57) Fluorene	15.75	166	180224	52.843	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	48995	54.180	ng	#	100
59) Diethylphthalate	15.51	149	221380	51.453	ng		94
60) 4-Chlorophenyl-phenylether	15.73	204	101299	46.949	ng	#	82
61) 4-Nitroaniline	15.80	138	34081	49.712	ng	#	1
62) Azobenzene	16.03	77	261394	52.681	ng	#	68
64) 4,6-Dinitro-2-methylphenol	15.86	198	30354	41.777	ng	#	81
65) n-Nitrosodiphenylamine	15.96	169	157418	44.649	ng		95
66) 4-Bromophenyl-phenylether	16.62	248	62455	44.567	ng	#	71
67) Hexachlorobenzene	16.75	284	59286	43.110	ng	#	49
68) Atrazine	16.90	200	71762	55.523	ng		97
69) Pentachlorophenol	17.09	266	67019	85.112	ng		98
70) Phenanthrene	17.48	178	301021	50.993	ng		98
71) Anthracene	17.57	178	311452	53.148	ng		98
72) Carbazole	17.85	167	277552	48.934	ng	#	94
73) Di-n-butylphthalate	18.37	149	424990	52.210	ng	#	95
74) Fluoranthene	19.48	202	435639	61.090	ng		96
76) Benzidine	19.67	184	205152	57.892	ng		98
77) Pyrene	19.84	202	447760	42.141	ng		98
79) Butylbenzylphthalate	20.71	149	230544	46.296	ng	#	78
80) Benzo(a)anthracene	21.57	228	523983	50.299	ng		97
81) 3,3'-Dichlorobenzidine	21.50	252	90032	24.277	ng		95
82) Chrysene	21.62	228	486742	49.718	ng		100
83) Bis(2-ethylhexyl)phthalate	21.46	149	350566	49.349	ng		91
84) Di-n-octyl phthalate	22.35	149	626260	58.776	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.25	276	625359	78.093	ng		99
87) Benzo(b)fluoranthene	23.20	252	514350	49.093	ng	#	91
88) Benzo(k)fluoranthene	23.24	252	509509	48.662	ng	#	95
89) Benzo(a)pyrene	23.79	252	500547	52.780	ng	#	97
90) Dibenzo(a,h)anthracene	26.25	278	534998	62.908	ng	#	92
91) Benzo(g,h,i)perylene	26.97	276	457600	59.867	ng	#	87

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

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