Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016675.D
Acq On : 05 Sep 2018 17:18
Operator : SJ/JU
Sample : J4724-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP1-SUT-UST-02MSD

Quant Time: Sep 05 17:56:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:42:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	65356	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	238784	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	152276	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	421843	20.00	ng		0.00
75) Chrysene-d12	21.50	240	562708	20.00	ng		0.00
86) Perylene-d12	23.77	264	706473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	339321	101.74	ng		0.00
7) Phenol-d6	7.15	99	432455	97.99	ng		0.00
23) Nitrobenzene-d5	9.15	82	399794	76.45	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	422511	99.26	ng		0.00
44) 2-Fluorobiphenyl	13.22	172	1150551	72.63	ng		0.00
78) Terphenyl-d14	19.94	244	2181693	82.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	56163	30.481	ng	#	100
3) Pyridine	3.78	79	104988	27.386	ng	#	77
4) n-Nitrosodimethylamine	3.69	42	66430	38.897	ng	#	70
6) Aniline	7.30	93	116848	23.660	ng	#	81
8) 2-Chlorophenol	7.53	128	127663	32.168	ng		96
9) Benzaldehyde	7.13	77	83179	27.157	ng	#	77
10) Phenol	7.17	94	132592	30.379	ng		90
11) bis(2-Chloroethyl)ether	7.40	93	93660	28.617	ng		95
12) 1,3-Dichlorobenzene	7.85	146	151540	28.801	ng	#	84
13) 1,4-Dichlorobenzene	8.00	146	157518	29.171	ng		94
14) 1,2-Dichlorobenzene	8.32	146	152066	28.665	ng		98
15) Benzyl Alcohol	8.23	79	110520	26.966	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.49	45	65138	28.904	ng	#	42
17) 2-Methylphenol	8.43	107	95144	30.103	ng	#	73
18) Hexachloroethane	9.02	117	88465	35.562	ng	#	45
19) n-Nitroso-di-n-propylamine	8.78	70	97673	28.227	ng	#	86
20) 3+4-Methylphenols	8.76	107	120338	27.537	ng	#	74
22) Acetophenone	8.81	105	192520	33.482	ng		100
24) Nitrobenzene	9.20	77	166000	31.769	ng	#	92
25) Isophorone	9.71	82	255075	36.494	ng	#	96
26) 2-Nitrophenol	9.90	139	73131	32.738	ng	#	38
27) 2,4-Dimethylphenol	9.96	122	101284	34.792	ng	#	77
28) bis(2-Chloroethoxy)methane	10.19	93	132928	31.859	ng		93
29) 2,4-Dichlorophenol	10.44	162	145314	33.352	ng		94
30) 1,2,4-Trichlorobenzene	10.63	180	240445	36.370	ng	#	97
31) Naphthalene	10.82	128	383740	33.730	ng		97
32) Benzoic acid	10.13	122	32879	13.499	ng	#	87
33) 4-Chloroaniline	10.96	127	105979	22.135	ng	#	85
34) Hexachlorobutadiene	11.06	225	278904	44.200	ng		98
35) Caprolactam	11.77	113	25499	24.390	ng	#	60
36) 4-Chloro-3-methylphenol	12.08	107	119029	28.417	ng	#	84
37) 2-Methylnaphthalene	12.42	142	295745	33.206	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	383100	44.546	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	422004	98.778	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	197521	38.407	ng		92
43) 2,4,5-Trichlorophenol	13.13	196	194678	38.753	ng	#	94
45) 1,1'-Biphenyl	13.44	154	403027	30.184	ng		97
46) 2-Chloronaphthalene	13.49	162	337661	31.127	ng		93
47) 2-Nitroaniline	13.72	65	83549	28.916	ng	#	76
48) Acenaphthylene	14.33	152	470796	30.746	ng		96
49) Dimethylphthalate	14.07	163	734112	50.180	ng	#	97
50) 2,6-Dinitrotoluene	14.22	165	86970	30.478	ng	#	64
51) Acenaphthene	14.67	154	293490	31.198	ng		96
52) 3-Nitroaniline	14.56	138	51008	19.646	ng	#	63
53) 2,4-Dinitrophenol	14.79	184	88624	62.062	ng	#	69
54) Dibenzofuran	15.01	168	531373	29.507	ng	#	87
55) 4-Nitrophenol	14.88	139	77013	46.505	ng	#	70
56) 2,4-Dinitrotoluene	15.02	165	120269	25.276	ng	#	97
57) Fluorene	15.66	166	410781	30.195	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.24	232	184906	38.296	ng	#	100
59) Diethylphthalate	15.43	149	418496	27.435	ng		96
60) 4-Chlorophenyl-phenylether	15.64	204	393224	34.467	ng	#	83
61) 4-Nitroaniline	15.73	138	54656	21.539	ng	#	1
62) Azobenzene	15.94	77	545512	33.576	ng		91
64) 4,6-Dinitro-2-methylphenol	15.79	198	87880	27.417	ng	#	63
65) n-Nitrosodiphenylamine	15.87	169	356221	30.017	ng		97
66) 4-Bromophenyl-phenylether	16.53	248	246959	38.101	ng		98
67) Hexachlorobenzene	16.66	284	259848	34.376	ng		94
68) Atrazine	16.82	200	213014	39.331	ng		91
69) Pentachlorophenol	17.01	266	236173	59.051	ng		96
70) Phenanthrene	17.39	178	679536	31.167	ng		98
71) Anthracene	17.49	178	693556	32.034	ng		98
72) Carbazole	17.77	167	487660	25.064	ng		95
73) Di-n-butylphthalate	18.29	149	652077	27.490	ng	#	96
74) Fluoranthene	19.40	202	1015910	31.779	ng		93
76) Benzidine	19.59	184	370244	34.214	ng		98
77) Pyrene	19.76	202	1025570	33.536	ng		99
79) Butylbenzylphthalate	20.63	149	303656	28.767	ng	#	68
80) Benzo(a)anthracene	21.49	228	1143536	34.566	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	390972	26.550	ng	#	97
82) Chrysene	21.54	228	1060478	33.597	ng		98
83) Bis(2-ethylhexyl)phthalate	21.37	149	428660	27.316	ng	#	93
84) Di-n-octyl phthalate	22.26	149	741456	28.432	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.06	276	1962788	43.239	ng	#	91
87) Benzo(b)fluoranthene	23.09	252	1426949	35.039	ng	#	90
88) Benzo(k)fluoranthene	23.13	252	1284543	31.000	ng	#	94
89) Benzo(a)pyrene	23.67	252	1376800	34.745	ng	#	95
90) Dibenzo(a,h)anthracene	26.05	278	1657977	37.334	ng	#	87
91) Benzo(g,h,i)perylene	26.76	276	1566242	39.290	ng	#	80

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

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