Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016674.D
Acq On : 05 Sep 2018 16:41
Operator : SJ/JU
Sample : J4724-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 05 17:55:22 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	70169	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	237084	20.00	ng		0.00
38) Acenaphthene-d10	14.61	164	152371	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	434644	20.00	ng		0.00
75) Chrysene-d12	21.50	240	616760	20.00	ng		0.00
86) Perylene-d12	23.77	264	757870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	311392	86.96	ng		0.00
7) Phenol-d6	7.15	99	380095	80.22	ng		0.00
23) Nitrobenzene-d5	9.15	82	363807	70.06	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	396721	93.14	ng		0.00
44) 2-Fluorobiphenyl	13.22	172	1074152	67.76	ng		0.00
78) Terphenyl-d14	19.95	244	2134722	73.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	52941	26.762	ng	#	100
3) Pyridine	3.78	79	88432	21.486	ng	#	82
4) n-Nitrosodimethylamine	3.69	42	67992	37.081	ng	#	65
6) Aniline	7.30	93	116811	22.030	ng		97
8) 2-Chlorophenol	7.53	128	117519	27.581	ng		96
9) Benzaldehyde	7.13	77	77303	23.508	ng	#	84
10) Phenol	7.18	94	126887	27.078	ng		86
11) bis(2-Chloroethyl)ether	7.40	93	92052	26.196	ng		98
12) 1,3-Dichlorobenzene	7.85	146	140842	24.932	ng	#	78
13) 1,4-Dichlorobenzene	8.00	146	144582	24.939	ng		96
14) 1,2-Dichlorobenzene	8.31	146	140792	24.719	ng		94
15) Benzyl Alcohol	8.23	79	117899	26.793	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.48	45	60090	24.835	ng	#	39
17) 2-Methylphenol	8.43	107	89653	26.420	ng	#	70
18) Hexachloroethane	9.02	117	84783	31.744	ng	#	52
19) n-Nitroso-di-n-propylamine	8.78	70	91027	24.502	ng	#	87
20) 3+4-Methylphenols	8.76	107	114829	24.474	ng	#	81
22) Acetophenone	8.81	105	179730	31.482	ng	#	98
24) Nitrobenzene	9.19	77	160780	30.990	ng		92
25) Isophorone	9.71	82	241742	34.834	ng	#	91
26) 2-Nitrophenol	9.90	139	61531	27.742	ng	#	54
27) 2,4-Dimethylphenol	9.96	122	94064	32.543	ng	#	65
28) bis(2-Chloroethoxy)methane	10.19	93	130579	31.521	ng	#	91
29) 2,4-Dichlorophenol	10.44	162	140975	32.588	ng		95
30) 1,2,4-Trichlorobenzene	10.63	180	231739	35.304	ng	#	95
31) Naphthalene	10.82	128	355913	31.509	ng		97
32) Benzoic acid	10.13	122	33126	13.698	ng	#	84
33) 4-Chloroaniline	10.96	127	101173	21.283	ng	#	83
34) Hexachlorobutadiene	11.06	225	262092	41.833	ng		99
35) Caprolactam	11.77	113	23620	22.755	ng	#	52
36) 4-Chloro-3-methylphenol	12.08	107	116665	28.053	ng		90
37) 2-Methylnaphthalene	12.43	142	295250	33.389	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	363731	42.267	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	382372	92.133	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	193362	37.575	ng		93
43) 2,4,5-Trichlorophenol	13.13	196	188693	37.538	ng	#	86
45) 1,1'-Biphenyl	13.44	154	388362	29.068	ng		99
46) 2-Chloronaphthalene	13.49	162	321206	29.592	ng		97
47) 2-Nitroaniline	13.73	65	76871	26.588	ng		90
48) Acenaphthylene	14.33	152	457649	29.869	ng		97
49) Dimethylphthalate	14.07	163	682614	46.631	ng	#	97
50) 2,6-Dinitrotoluene	14.22	165	78272	27.413	ng	#	61
51) Acenaphthene	14.67	154	270489	28.735	ng		98
52) 3-Nitroaniline	14.56	138	50605	19.478	ng	#	79
53) 2,4-Dinitrophenol	14.79	184	87859	61.488	ng	#	75
54) Dibenzofuran	15.01	168	499767	27.734	ng	#	86
55) 4-Nitrophenol	14.89	139	74706	45.084	ng	#	73
56) 2,4-Dinitrotoluene	15.02	165	111703	23.461	ng	#	83
57) Fluorene	15.66	166	400175	29.397	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.25	232	181110	37.486	ng	#	100
59) Diethylphthalate	15.43	149	405319	26.555	ng		95
60) 4-Chlorophenyl-phenylether	15.65	204	370698	32.472	ng	#	83
61) 4-Nitroaniline	15.73	138	52603	20.717	ng	#	1
62) Azobenzene	15.94	77	534872	32.900	ng		91
64) 4,6-Dinitro-2-methylphenol	15.79	198	87635	26.536	ng	#	62
65) n-Nitrosodiphenylamine	15.87	169	348679	28.516	ng		96
66) 4-Bromophenyl-phenylether	16.53	248	236198	35.367	ng		99
67) Hexachlorobenzene	16.65	284	250388	32.149	ng		91
68) Atrazine	16.82	200	211449	37.892	ng		92
69) Pentachlorophenol	17.01	266	227196	55.133	ng		98
70) Phenanthrene	17.39	178	668187	29.744	ng		99
71) Anthracene	17.49	178	676980	30.348	ng		99
72) Carbazole	17.77	167	473347	23.611	ng		97
73) Di-n-butylphthalate	18.29	149	632225	25.868	ng	#	96
74) Fluoranthene	19.40	202	1009482	30.648	ng		94
76) Benzidine	19.59	184	367658	30.997	ng		98
77) Pyrene	19.76	202	1021162	30.466	ng		99
79) Butylbenzylphthalate	20.63	149	298359	25.788	ng	#	67
80) Benzo(a)anthracene	21.49	228	1160204	31.997	ng		98
81) 3,3'-Dichlorobenzidine	21.42	252	399917	24.777	ng	#	93
82) Chrysene	21.54	228	1086133	31.394	ng		100
83) Bis(2-ethylhexyl)phthalate	21.38	149	438796	25.512	ng	#	91
84) Di-n-octyl phthalate	22.26	149	753613	26.366	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.06	276	2001843	40.235	ng	#	91
87) Benzo(b)fluoranthene	23.09	252	1436471	32.880	ng	#	91
88) Benzo(k)fluoranthene	23.13	252	1339787	30.140	ng	#	92
89) Benzo(a)pyrene	23.67	252	1395252	32.823	ng	#	93
90) Dibenzo(a,h)anthracene	26.06	278	1688032	35.433	ng	#	86
91) Benzo(g,h,i)perylene	26.76	276	1570960	36.736	ng	#	81

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

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