Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016502.D
Acq On : 22 Aug 2018 02:19
Operator : SJ/JU
Sample : J4539-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MS

Manual Integrations APPROVED
Sohil
8/22/2018 6:07:03 PM

Quant Time: Aug 22 04:08:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	195217	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	678834	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	571212	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1707349	20.00	ng		0.00
75) Chrysene-d12	21.54	240	2003760	20.00	ng		0.00
86) Perylene-d12	23.83	264	1851598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1389308	139.46	ng		0.01
7) Phenol-d6	7.20	99	1591469	120.72	ng		0.00
23) Nitrobenzene-d5	9.21	82	1729102	116.30	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	3295288	206.37	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	7520617	126.56	ng		0.00
78) Terphenyl-d14	19.99	244	11908924	125.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	181123	32.910	ng	#	100
3) Pyridine	3.84	79	273064	23.847	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	230711	45.226	ng	#	68
6) Aniline	7.36	93	209049	14.171	ng		92
8) 2-Chlorophenol	7.59	128	527133	44.468	ng		98
9) Benzaldehyde	7.19	77	106947	11.690	ng		84
10) Phenol	7.23	94	456979	35.052	ng		90
11) bis(2-Chloroethyl)ether	7.46	93	407673	41.701	ng		98
12) 1,3-Dichlorobenzene	7.90	146	638892	40.651	ng	#	86
13) 1,4-Dichlorobenzene	8.06	146	647930	40.172	ng		98
14) 1,2-Dichlorobenzene	8.37	146	662360	41.800	ng		98
15) Benzyl Alcohol	8.29	79	487603	39.830	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.55	45	250522	37.216	ng	#	41
17) 2-Methylphenol	8.48	107	401378	42.516	ng	#	75
18) Hexachloroethane	9.08	117	312809	42.098	ng	#	36
19) n-Nitroso-di-n-propylamine	8.85	70	429797	41.584	ng	#	86
20) 3+4-Methylphenols	8.82	107	532670	40.808	ng	#	82
22) Acetophenone	8.87	105	853622	52.221	ng	#	95
24) Nitrobenzene	9.25	77	724919	48.800	ng		94
25) Isophorone	9.77	82	1179086	59.338	ng	#	94
26) 2-Nitrophenol	9.96	139	328195	51.680	ng	#	49
27) 2,4-Dimethylphenol	10.01	122	484786	58.577	ng	#	76
28) bis(2-Chloroethoxy)methane	10.25	93	626593	52.826	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	767380	61.954	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	1178108	62.683	ng	#	94
31) Naphthalene	10.88	128	1737943	53.736	ng		98
32) Benzoic acid	10.25	122	311601	45.000	ng	#	76
33) 4-Chloroaniline	11.03	127	124012m	9.111	ng		
34) Hexachlorobutadiene	11.13	225	1082388	60.338	ng		97
35) Caprolactam	11.85	113	101269m	34.073	ng		
36) 4-Chloro-3-methylphenol	12.14	107	620715	52.127	ng		92
37) 2-Methylnaphthalene	12.49	142	1604667	63.377	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1769003	54.835	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	2051429	118.177	ng		98

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42) 2,4,6-Trichlorophenol	13.10	196	1086530	56.322	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	1124389m	59.667	ng		
45) 1,1'-Biphenyl	13.49	154	2406083	48.038	ng		98
46) 2-Chloronaphthalene	13.55	162	2007516	49.334	ng		98
47) 2-Nitroaniline	13.77	65	444335	40.996	ng		82
48) Acenaphthylene	14.39	152	3010876	52.418	ng		99
49) Dimethylphthalate	14.13	163	2816583	51.324	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	554426	51.796	ng	#	89
51) Acenaphthene	14.73	154	1744128	49.425	ng		95
52) 3-Nitroaniline	14.60	138	186215	19.120	ng	#	69
53) 2,4-Dinitrophenol	14.83	184	802017	149.724	ng	#	71
54) Dibenzofuran	15.06	168	3780529	55.964	ng		98
55) 4-Nitrophenol	14.92	139	485923	78.223	ng	#	82
56) 2,4-Dinitrotoluene	15.07	165	947526	53.086	ng	#	83
57) Fluorene	15.71	166	3019656	59.172	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1042692	57.570	ng	#	100
59) Diethylphthalate	15.48	149	2671334	46.685	ng		94
60) 4-Chlorophenyl-phenylether	15.70	204	2339460	54.666	ng	#	86
61) 4-Nitroaniline	15.77	138	339430	35.660	ng	#	1
62) Azobenzene	15.99	77	2677495	43.932	ng		87
64) 4,6-Dinitro-2-methylphenol	15.83	198	639346	49.283	ng	#	55
65) n-Nitrosodiphenylamine	15.92	169	2486909	51.777	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	1436442	54.755	ng		99
67) Hexachlorobenzene	16.71	284	1642526	53.688	ng		96
68) Atrazine	16.87	200	1138854	51.955	ng		90
69) Pentachlorophenol	17.06	266	1587882	98.094	ng		100
70) Phenanthrene	17.44	178	5031417	57.016	ng		99
71) Anthracene	17.54	178	5145244	58.717	ng		98
72) Carbazole	17.82	167	3646689	46.308	ng		98
73) Di-n-butylphthalate	18.34	149	4519276	47.073	ng	#	97
74) Fluoranthene	19.44	202	6974916	53.907	ng		94
76) Benzidine	19.64	184	164737	4.275	ng		97
77) Pyrene	19.80	202	6968287	63.990	ng		99
79) Butylbenzylphthalate	20.67	149	1966805	52.325	ng	#	83
80) Benzo(a)anthracene	21.53	228	6624648	56.235	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1111745	21.201	ng	#	95
82) Chrysene	21.59	228	6099323	54.264	ng		98
83) Bis(2-ethylhexyl)phthalate	21.42	149	2806348	50.221	ng	#	97
84) Di-n-octyl phthalate	22.31	149	4436827	47.779	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.16	276	7473695	46.235	ng	#	92
87) Benzo(b)fluoranthene	23.14	252	6726134	63.017	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	6124462	56.394	ng	#	93
89) Benzo(a)pyrene	23.74	252	6032184	58.083	ng	#	94
90) Dibenzo(a,h)anthracene	26.16	278	6365714	54.692	ng	#	88
91) Benzo(g,h,i)perylene	26.87	276	5741386	54.953	ng	#	81

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

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