Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016557.D
Acq On : 23 Aug 2018 15:41
Operator : SJ/JU
Sample : J4276-04MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MSD

Manual Integrations APPROVED
Sohil
8/23/2018 6:39:31 PM

Quant Time: Aug 23 16:22:30 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	8.01	152	150899	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	532381	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	416859	20.00	ng		-0.01
63) Phenanthrene-d10	17.40	188	1263593	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1679653	20.00	ng		0.00
86) Perylene-d12	23.83	264	1595428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1036469	134.60	ng		0.00
7) Phenol-d6	7.19	99	1177737	115.58	ng		0.00
23) Nitrobenzene-d5	9.20	82	1268326	108.78	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	2197474	188.58	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	5128593	118.26	ng		0.00
78) Terphenyl-d14	19.99	244	10547223	132.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	157922	37.121	ng	#	100
3) Pyridine	3.84	79	218247	24.657	ng	#	78
4) n-Nitrosodimethylamine	3.74	42	173334	43.957	ng	#	76
6) Aniline	7.36	93	130150	11.414	ng	#	84
8) 2-Chlorophenol	7.57	128	420694	45.912	ng		97
9) Benzaldehyde	7.17	77	205097m	29.002	ng		
10) Phenol	7.22	94	365250	36.245	ng		91
11) bis(2-Chloroethyl)ether	7.45	93	310729	41.119	ng		98
12) 1,3-Dichlorobenzene	7.90	146	493653	40.635	ng	#	91
13) 1,4-Dichlorobenzene	8.05	146	505493	40.545	ng		98
14) 1,2-Dichlorobenzene	8.36	146	494324	40.358	ng		97
15) Benzyl Alcohol	8.27	79	358564	37.892	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.55	45	201160	38.660	ng	#	51
17) 2-Methylphenol	8.47	107	303689	41.616	ng	#	74
18) Hexachloroethane	9.07	117	245619	42.764	ng	#	42
19) n-Nitroso-di-n-propylamine	8.83	70	335557	42.001	ng	#	83
20) 3+4-Methylphenols	8.81	107	411790	40.812	ng	#	82
22) Acetophenone	8.86	105	647671	50.521	ng		96
24) Nitrobenzene	9.25	77	567013	48.670	ng		92
25) Isophorone	9.76	82	901633	57.858	ng	#	94
26) 2-Nitrophenol	9.95	139	248161m	49.827	ng		
27) 2,4-Dimethylphenol	10.00	122	358961	55.305	ng	#	66
28) bis(2-Chloroethoxy)methane	10.23	93	485024	52.139	ng		97
29) 2,4-Dichlorophenol	10.48	162	573774m	59.067	ng		
30) 1,2,4-Trichlorobenzene	10.68	180	874090	59.301	ng	#	95
31) Naphthalene	10.87	128	1327502	52.336	ng		98
32) Benzoic acid	10.23	122	196532	36.190	ng	#	68
33) 4-Chloroaniline	11.03	127	74767	7.004	ng	#	92
34) Hexachlorobutadiene	11.12	225	829701	58.975	ng		97
35) Caprolactam	11.83	113	77326m	33.174	ng		
36) 4-Chloro-3-methylphenol	12.13	107	462749	49.552	ng		90
37) 2-Methylnaphthalene	12.47	142	1154491	58.140	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1333229	56.629	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1560378	121.566	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	803099	57.044 ng		98
43) 2,4,5-Trichlorophenol	13.17	196	854147m	62.110 ng		
45) 1,1'-Biphenyl	13.49	154	1733826	47.434 ng		99
46) 2-Chloronaphthalene	13.53	162	1439273	48.467 ng		97
47) 2-Nitroaniline	13.77	65	337527	42.672 ng		85
48) Acenaphthylene	14.38	152	2139434	51.038 ng		99
49) Dimethylphthalate	14.12	163	2055239	51.318 ng	#	97
50) 2,6-Dinitrotoluene	14.26	165	415144	53.145 ng	#	90
51) Acenaphthene	14.72	154	1265768	49.151 ng		96
52) 3-Nitroaniline	14.60	138	106861	15.035 ng	#	75
53) 2,4-Dinitrophenol	14.83	184	216024	55.261 ng	#	69
54) Dibenzofuran	15.06	168	2655608	53.868 ng		96
55) 4-Nitrophenol	14.92	139	342886	75.636 ng	#	79
56) 2,4-Dinitrotoluene	15.06	165	672621	51.638 ng	#	94
57) Fluorene	15.70	166	2154875	57.862 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	787230	59.559 ng	#	100
59) Diethylphthalate	15.47	149	1953396	46.779 ng		94
60) 4-Chlorophenyl-phenylether	15.69	204	1706856	54.652 ng	#	87
61) 4-Nitroaniline	15.77	138	242870	34.963 ng	#	1
62) Azobenzene	15.99	77	2079934	46.764 ng		87
64) 4,6-Dinitro-2-methylphenol	15.83	198	283174	29.494 ng	#	57
65) n-Nitrosodiphenylamine	15.92	169	1805901	50.802 ng		96
66) 4-Bromophenyl-phenylether	16.58	248	1065898	54.899 ng		98
67) Hexachlorobenzene	16.70	284	1216247	53.716 ng		95
68) Atrazine	16.86	200	991545	61.120 ng		93
69) Pentachlorophenol	17.05	266	957493	79.924 ng		96
70) Phenanthrene	17.44	178	3658772	56.022 ng		99
71) Anthracene	17.53	178	3762405	58.015 ng		99
72) Carbazole	17.81	167	2655248	45.559 ng		98
73) Di-n-butylphthalate	18.33	149	3297508	46.409 ng	#	96
74) Fluoranthene	19.44	202	5246783	54.792 ng		94
76) Benzidine	19.63	184	992409	30.723 ng		99
77) Pyrene	19.80	202	5335952	58.455 ng		99
79) Butylbenzylphthalate	20.67	149	1499422	47.588 ng	#	83
80) Benzo(a)anthracene	21.53	228	5376548	54.446 ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	953235	21.686 ng	#	96
82) Chrysene	21.58	228	4965655	52.703 ng		100
83) Bis(2-ethylhexyl)phthalate	21.42	149	2135608	45.593 ng	#	98
84) Di-n-octyl phthalate	22.31	149	3460351	44.454 ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.16	276	6203019	45.779 ng	#	92
87) Benzo(b)fluoranthene	23.14	252	5449048	59.249 ng	#	90
88) Benzo(k)fluoranthene	23.19	252	5299795	56.636 ng	#	93
89) Benzo(a)pyrene	23.73	252	5091351	56.895 ng	#	95
90) Dibenzo(a,h)anthracene	26.15	278	5234815	52.197 ng	#	88
91) Benzo(g,h,i)perylene	26.86	276	4669982	51.875 ng	#	80

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

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