Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018383.D
Acq On : 22 Dec 2018 14:58
Operator : JU/SJ
Sample : J6482-04MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
R20-OSMSD

Manual Integrations APPROVED
Sohil
12/26/2018 3:20:30 PM

Quant Time: Dec 24 06:12:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	92689	20.00	ng		-0.03
21) Naphthalene-d8	10.24	136	365735	20.00	ng		-0.03
39) Acenaphthene-d10	14.14	164	214156	20.00	ng		-0.02
64) Phenanthrene-d10	16.90	188	457109	20.00	ng		-0.02
76) Chrysene-d12	21.13	240	412835	20.00	ng		-0.01
87) Perylene-d12	23.29	264	424159	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	849545	153.11	ng		0.00
7) Phenol-d6	6.69	99	1033967	134.07	ng		-0.01
23) Nitrobenzene-d5	8.64	82	865715	121.41	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	476525	151.60	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1668886	100.94	ng		-0.02
79) Terphenyl-d14	19.56	244	2319339	127.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	82455	37.514	ng	#	68
3) Pyridine	3.51	79	248358	38.409	ng		94
4) n-Nitrosodimethylamine	3.42	42	129569	58.216	ng	#	83
6) Aniline	6.83	93	101098	10.450	ng		99
8) 2-Chlorophenol	7.05	128	298321	45.505	ng		93
9) Benzaldehyde	6.65	77	159682	33.969	ng		90
10) Phenol	6.72	94	342617	41.949	ng		93
11) bis(2-Chloroethyl)ether	6.93	93	287688	44.320	ng		98
12) 1,3-Dichlorobenzene	7.36	146	296821	40.546	ng	#	91
13) 1,4-Dichlorobenzene	7.51	146	309592	41.646	ng		99
14) 1,2-Dichlorobenzene	7.82	146	301589	42.084	ng		98
15) Benzyl Alcohol	7.73	79	339428	54.014	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.01	45	203839	34.895	ng		84
17) 2-Methylphenol	7.95	107	250043	45.849	ng	#	93
18) Hexachloroethane	8.52	117	106905	39.235	ng		97
19) n-Nitroso-di-n-propylamine	8.29	70	276367	47.994	ng		98
20) 3+4-Methylphenols	8.27	107	332136	43.463	ng		94
22) Acetophenone	8.30	105	493413	50.980	ng		95
24) Nitrobenzene	8.68	77	401519	56.358	ng		92
25) Isophorone	9.20	82	680301	57.308	ng		96
26) 2-Nitrophenol	9.37	139	140455	40.195	ng	#	80
27) 2,4-Dimethylphenol	9.45	122	270771	53.766	ng		92
28) bis(2-Chloroethoxy)methane	9.68	93	389760	50.370	ng		99
29) 2,4-Dichlorophenol	9.92	162	277128	49.631	ng		97
30) 1,2,4-Trichlorobenzene	10.11	180	303384	47.767	ng		94
31) Naphthalene	10.29	128	885744	49.528	ng		98
32) Benzoic acid	9.66	122	173358	36.353	ng		86
33) 4-Chloroaniline	10.44	127	64932	8.289	ng		91
34) Hexachlorobutadiene	10.56	225	185515	46.183	ng		99
35) Caprolactam	11.26	113	69587m	32.706	ng		
36) 4-Chloro-3-methylphenol	11.58	107	326384	48.646	ng		95
37) 2-Methylnaphthalene	11.92	142	658338	52.200	ng		96
38) 1-Methylnaphthalene	12.14	142	623992	50.704	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	347453	47.181	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	75528	29.142	ng		97
43) 2,4,6-Trichlorophenol	12.56	196	231755	48.929	ng		97
44) 2,4,5-Trichlorophenol	12.65	196	242091	48.144	ng		98
46) 1,1'-Biphenyl	12.96	154	858137	44.541	ng		97
47) 2-Chloronaphthalene	13.00	162	672531	47.427	ng		98
48) 2-Nitroaniline	13.23	65	253587	58.053	ng		85
49) Acenaphthylene	13.86	152	1074718	50.292	ng		99
50) Dimethylphthalate	13.62	163	856209	48.090	ng		99
51) 2,6-Dinitrotoluene	13.75	165	171132	43.724	ng	#	81
52) Acenaphthene	14.20	154	622505	47.667	ng		99
53) 3-Nitroaniline	14.08	138	100144	24.314	ng		83
54) 2,4-Dinitrophenol	14.31	184	40927	18.956	ng	#	79
55) Dibenzofuran	14.55	168	1020737	48.643	ng		97
56) 4-Nitrophenol	14.44	139	237073m	75.916	ng		
57) 2,4-Dinitrotoluene	14.55	165	250792	46.357	ng		90
58) Fluorene	15.20	166	843118	52.021	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.79	232	218820	48.320	ng	#	94
60) Diethylphthalate	14.99	149	879936	45.797	ng		99
61) 4-Chlorophenyl-phenylether	15.20	204	430789	46.998	ng		95
62) 4-Nitroaniline	15.26	138	156234	39.976	ng	#	76
63) Azobenzene	15.49	77	950491	54.253	ng		94
65) 4,6-Dinitro-2-methylphenol	15.32	198	34989	10.398	ng		91
66) n-Nitrosodiphenylamine	15.43	169	714031	47.238	ng		96
67) 4-Bromophenyl-phenylether	16.10	248	259849	46.938	ng		96
68) Hexachlorobenzene	16.20	284	279139	46.025	ng		95
69) Atrazine	16.40	200	255870	50.141	ng		97
70) Pentachlorophenol	16.57	266	308631	77.053	ng		98
71) Phenanthrene	16.94	178	1244021	50.103	ng		99
72) Anthracene	17.04	178	1249936	50.744	ng		99
73) Carbazole	17.33	167	1094054	43.273	ng		98
74) Di-n-butylphthalate	17.89	149	1535561	49.224	ng		99
75) Fluoranthene	18.98	202	1322633	45.817	ng		99
78) Pyrene	19.34	202	1309439	53.232	ng		99
80) Butylbenzylphthalate	20.27	149	640036	54.693	ng		88
81) Benzo(a)anthracene	21.12	228	1231789	51.078	ng		100
83) Chrysene	21.17	228	1152137	49.670	ng		100
84) Bis(2-ethylhexyl)phthalate	21.05	149	941638	53.990	ng		97
85) Di-n-octyl phthalate	21.92	149	1523858	53.350	ng		99
86) Indeno(1,2,3-cd)pyrene	25.43	276	1419448	61.432	ng		97
88) Benzo(b)fluoranthene	22.66	252	1227691	51.527	ng		98
89) Benzo(k)fluoranthene	22.70	252	1188943	50.106	ng	#	97
90) Benzo(a)pyrene	23.20	252	1166103	51.459	ng		98
91) Dibenzo(a,h)anthracene	25.44	278	1224132	58.316	ng		98
92) Benzo(g,h,i)perylene	26.08	276	1160615	58.491	ng		97

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

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