Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015853.D
Acq On : 09 Jul 2018 21:17
Operator : SJ/JU
Sample : J3877-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NS-DRUM-2-STONEMSD

Quant Time: Jul 10 01:37:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	110087	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	436109	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	213320	20.00	ng		-0.01
63) Phenanthrene-d10	17.65	188	375995	20.00	ng		-0.01
75) Chrysene-d12	21.75	240	311154	20.00	ng		-0.02
86) Perylene-d12	24.15	264	300905	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	889418	138.56	ng		-0.01
7) Phenol-d6	7.46	99	1016871	115.71	ng		0.00
23) Nitrobenzene-d5	9.49	82	852069	95.33	ng		-0.01
41) 2,4,6-Tribromophenol	16.40	330	353089	126.68	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	1665506	96.93	ng		-0.02
78) Terphenyl-d14	20.21	244	1662652	99.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	99307	37.406	ng	#	100
3) Pyridine	4.02	79	178280	25.448	ng	#	78
4) n-Nitrosodimethylamine	3.92	42	216869	39.757	ng	#	43
6) Aniline	7.63	93	73471	6.896	ng		91
8) 2-Chlorophenol	7.86	128	329595	42.782	ng		98
9) Benzaldehyde	7.45	77	27120	4.896	ng	#	80
10) Phenol	7.48	94	326436	36.968	ng		94
11) bis(2-Chloroethyl)ether	7.72	93	286882	39.938	ng		88
12) 1,3-Dichlorobenzene	8.19	146	347040	40.628	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	355541	40.251	ng		95
14) 1,2-Dichlorobenzene	8.66	146	346086	40.513	ng		95
15) Benzyl Alcohol	8.55	79	290725	38.106	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.83	45	458638	58.464	ng		97
17) 2-Methylphenol	8.75	107	249343	40.758	ng	#	87
18) Hexachloroethane	9.39	117	147123	42.123	ng		96
19) n-Nitroso-di-n-propylamine	9.12	70	261411	37.013	ng	#	80
20) 3+4-Methylphenols	9.08	107	327307	38.518	ng		89
22) Acetophenone	9.15	105	488945	43.038	ng	#	89
24) Nitrobenzene	9.53	77	399794	45.950	ng		99
25) Isophorone	10.05	82	654073	47.943	ng		95
26) 2-Nitrophenol	10.25	139	171351	45.735	ng	#	62
27) 2,4-Dimethylphenol	10.29	122	292946	51.470	ng	#	84
28) bis(2-Chloroethoxy)methane	10.53	93	389127	43.780	ng		99
29) 2,4-Dichlorophenol	10.77	162	290462	46.078	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	321264	43.879	ng		98
31) Naphthalene	11.18	128	994139	43.968	ng		100
32) Benzoic acid	10.46	122	158170	31.388	ng		87
33) 4-Chloroaniline	11.30	127	22522	2.443	ng	#	87
34) Hexachlorobutadiene	11.43	225	211164	43.215	ng		97
35) Caprolactam	12.09	113	54186	25.919	ng		89
36) 4-Chloro-3-methylphenol	12.40	107	288265	39.854	ng		88
37) 2-Methylnaphthalene	12.77	142	716124	44.523	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	340421	49.721	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	385533	115.791	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	205757	47.542	ng		98
43) 2,4,5-Trichlorophenol	13.45	196	207232	44.326	ng	#	85
45) 1,1'-Biphenyl	13.76	154	868722	47.102	ng		99
46) 2-Chloronaphthalene	13.81	162	660091	47.868	ng	#	91
47) 2-Nitroaniline	14.02	65	193375	40.212	ng		81
48) Acenaphthylene	14.65	152	1020780	45.504	ng		99
49) Dimethylphthalate	14.37	163	765331	40.680	ng		99
50) 2,6-Dinitrotoluene	14.50	165	158207	43.130	ng	#	67
51) Acenaphthene	14.99	154	595059	42.629	ng		98
52) 3-Nitroaniline	14.85	138	22228	5.536	ng	#	74
53) 2,4-Dinitrophenol	15.05	184	147593	80.368	ng	#	83
54) Dibenzofuran	15.32	168	922910	42.907	ng	#	87
55) 4-Nitrophenol	15.14	139	187856	63.397	ng	#	70
56) 2,4-Dinitrotoluene	15.29	165	208206	39.315	ng		96
57) Fluorene	15.96	166	721538	40.679	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	167519	42.463	ng	#	100
59) Diethylphthalate	15.72	149	765985	37.994	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	361289	39.584	ng	#	87
61) 4-Nitroaniline	16.00	138	105190	25.255	ng	#	34
62) Azobenzene	16.23	77	821411	43.465	ng		80
64) 4,6-Dinitro-2-methylphenol	16.06	198	97164	42.508	ng		88
65) n-Nitrosodiphenylamine	16.16	169	565261	43.875	ng		97
66) 4-Bromophenyl-phenylether	16.83	248	205363	48.918	ng	#	80
67) Hexachlorobenzene	16.95	284	221026	47.116	ng	#	76
68) Atrazine	17.09	200	123833	29.221	ng		97
69) Pentachlorophenol	17.30	266	218845	75.392	ng		98
70) Phenanthrene	17.69	178	957490	44.512	ng		99
71) Anthracene	17.78	178	966506	45.752	ng		99
72) Carbazole	18.05	167	767969	39.012	ng		97
73) Di-n-butylphthalate	18.56	149	1072344	40.416	ng	#	98
74) Fluoranthene	19.67	202	947328	38.308	ng		100
76) Benzidine	19.85	184	54570	5.986	ng	#	97
77) Pyrene	20.03	202	945215	48.767	ng		99
79) Butylbenzylphthalate	20.87	149	437286	46.673	ng	#	83
80) Benzo(a)anthracene	21.74	228	894677	45.351	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	106857	15.075	ng		100
82) Chrysene	21.79	228	836718	45.529	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	604901	43.696	ng		95
84) Di-n-octyl phthalate	22.54	149	1001895	44.385	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1040779	60.956	ng	#	93
87) Benzo(b)fluoranthene	23.42	252	867619	43.187	ng	#	96
88) Benzo(k)fluoranthene	23.47	252	856172	43.872	ng		98
89) Benzo(a)pyrene	24.05	252	826913	46.759	ng		99
90) Dibenzo(a,h)anthracene	26.63	278	884127	55.566	ng		97
91) Benzo(g,h,i)perylene	27.39	276	839525	60.051	ng	#	94

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

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