Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016378.D
Acq On : 15 Aug 2018 13:43
Operator : SJ/JU
Sample : PB112017BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112017BS

Quant Time: Aug 16 01:27:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 15 11:23:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19650	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	74708	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	37251	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	76533	20.00	ng		0.00
75) Chrysene-d12	21.62	240	89344	20.00	ng		0.00
86) Perylene-d12	23.94	264	94065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	165047	139.52	ng		0.00
7) Phenol-d6	7.29	99	188176	121.81	ng		0.00
23) Nitrobenzene-d5	9.30	82	148203	92.27	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	59221	125.35	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	297336	97.12	ng		0.00
78) Terphenyl-d14	20.07	244	442477	103.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	27844	50.238	ng	#	100
3) Pyridine	3.88	79	59605	44.642	ng	#	68
4) n-Nitrosodimethylamine	3.79	42	65431	62.830	ng	#	27
6) Aniline	7.44	93	53726	30.205	ng	#	86
8) 2-Chlorophenol	7.67	128	61756	43.926	ng		97
9) Benzaldehyde	7.26	77	28863	26.592	ng	#	82
10) Phenol	7.31	94	64622	41.834	ng		88
11) bis(2-Chloroethyl)ether	7.53	93	49287	40.388	ng		88
12) 1,3-Dichlorobenzene	7.99	146	70402	42.781	ng	#	84
13) 1,4-Dichlorobenzene	8.15	146	71781	43.008	ng	#	91
14) 1,2-Dichlorobenzene	8.46	146	69463	42.535	ng	#	92
15) Benzyl Alcohol	8.37	79	54819	44.565	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.63	45	64250	34.401	ng		90
17) 2-Methylphenol	8.57	107	45121	42.735	ng	#	78
18) Hexachloroethane	9.18	117	35836	49.672	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	43839	38.825	ng	#	67
20) 3+4-Methylphenols	8.90	107	59201	38.971	ng		83
22) Acetophenone	8.96	105	89279	47.460	ng	#	79
24) Nitrobenzene	9.35	77	76626	47.394	ng	#	91
25) Isophorone	9.86	82	114373	52.057	ng	#	93
26) 2-Nitrophenol	10.05	139	30792	45.623	ng	#	34
27) 2,4-Dimethylphenol	10.10	122	48656	51.745	ng	#	76
28) bis(2-Chloroethoxy)methane	10.33	93	62305	43.631	ng	#	98
29) 2,4-Dichlorophenol	10.59	162	53270	47.675	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	62564	46.084	ng	#	95
31) Naphthalene	10.97	128	178773	47.281	ng		99
32) Benzoic acid	10.27	122	31895	44.497	ng		90
33) 4-Chloroaniline	11.10	127	44134	28.604	ng	#	86
34) Hexachlorobutadiene	11.23	225	50992	54.149	ng		95
35) Caprolactam	11.92	113	12009	38.805	ng	#	89
36) 4-Chloro-3-methylphenol	12.23	107	53971	43.916	ng		87
37) 2-Methylnaphthalene	12.57	142	126089	49.782	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	70089	55.266	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	55965	88.953	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	39744	50.090	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	41568	50.789	ng	#	80
45) 1,1'-Biphenyl	13.58	154	157744	46.922	ng		100
46) 2-Chloronaphthalene	13.63	162	121622	46.514	ng	#	90
47) 2-Nitroaniline	13.86	65	39557	45.759	ng	#	71
48) Acenaphthylene	14.47	152	190086	49.659	ng		100
49) Dimethylphthalate	14.20	163	150676	46.219	ng	#	99
50) 2,6-Dinitrotoluene	14.35	165	29225	44.555	ng	#	44
51) Acenaphthene	14.81	154	108020	45.885	ng		99
52) 3-Nitroaniline	14.69	138	20173	28.474	ng	#	60
53) 2,4-Dinitrophenol	14.91	184	27212	95.344	ng	#	58
54) Dibenzofuran	15.15	168	178852	46.103	ng	#	79
55) 4-Nitrophenol	15.00	139	39508	77.789	ng	#	85
56) 2,4-Dinitrotoluene	15.14	165	43854	46.758	ng	#	57
57) Fluorene	15.79	166	138816	48.153	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	36490	51.870	ng	#	100
59) Diethylphthalate	15.56	149	163576	46.552	ng		95
60) 4-Chlorophenyl-phenylether	15.78	204	75787	47.225	ng	#	83
61) 4-Nitroaniline	15.85	138	26047	38.318	ng	#	1
62) Azobenzene	16.07	77	188209	50.859	ng	#	71
64) 4,6-Dinitro-2-methylphenol	15.92	198	20130	43.334	ng	#	80
65) n-Nitrosodiphenylamine	16.00	169	115223	45.721	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	42805	49.393	ng	#	69
67) Hexachlorobenzene	16.79	284	42186	44.204	ng	#	53
68) Atrazine	16.94	200	45607	50.494	ng		96
69) Pentachlorophenol	17.14	266	42989	72.744	ng		97
70) Phenanthrene	17.53	178	201083	46.930	ng		98
71) Anthracene	17.62	178	206884	49.680	ng		98
72) Carbazole	17.90	167	177676	41.184	ng	#	97
73) Di-n-butylphthalate	18.42	149	260364	48.432	ng	#	95
74) Fluoranthene	19.52	202	237392	49.668	ng		97
76) Benzidine	19.71	184	125259	50.171	ng		96
77) Pyrene	19.88	202	240324	44.886	ng		99
79) Butylbenzylphthalate	20.74	149	129000	47.428	ng	#	71
80) Benzo(a)anthracene	21.60	228	271146	49.274	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	71381	32.205	ng		96
82) Chrysene	21.66	228	251384	47.623	ng		99
83) Bis(2-ethylhexyl)phthalate	21.49	149	190855	48.417	ng		91
84) Di-n-octyl phthalate	22.39	149	336725	50.826	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.32	276	334154	53.346	ng		99
87) Benzo(b)fluoranthene	23.24	252	277973	50.191	ng	#	92
88) Benzo(k)fluoranthene	23.29	252	255816	45.577	ng	#	96
89) Benzo(a)pyrene	23.84	252	264826	49.740	ng		99
90) Dibenzo(a,h)anthracene	26.32	278	280024	50.763	ng	#	94
91) Benzo(g,h,i)perylene	27.06	276	263002	50.410	ng	#	88

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

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