Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
Data File : BM016333.D
Acq On : 13 Aug 2018 19:49
Operator : SJ/JU
Sample : PB111978BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB111978BS

Quant Time: Aug 14 03:53:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23590	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	89225	20.00	ng		-0.02
38) Acenaphthene-d10	14.76	164	45345	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	91572	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	114349	20.00	ng		-0.02
86) Perylene-d12	23.96	264	121640	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	224869	158.34	ng		-0.01
7) Phenol-d6	7.30	99	256408	138.25	ng		0.00
23) Nitrobenzene-d5	9.31	82	157737	82.23	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	82720	143.83	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	317781	85.27	ng		-0.02
78) Terphenyl-d14	20.07	244	437542	80.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	30242	45.451	ng	#	100
3) Pyridine	3.88	79	57628	35.952	ng	#	75
4) n-Nitrosodimethylamine	3.80	42	69448	55.549	ng	#	26
6) Aniline	7.45	93	55943	26.198	ng	#	88
8) 2-Chlorophenol	7.69	128	67476	39.978	ng		96
9) Benzaldehyde	7.27	77	31663	24.300	ng		85
10) Phenol	7.32	94	69784	37.630	ng		89
11) bis(2-Chloroethyl)ether	7.55	93	52480	35.822	ng		85
12) 1,3-Dichlorobenzene	8.00	146	76026	38.482	ng	#	84
13) 1,4-Dichlorobenzene	8.16	146	77305	38.582	ng	#	89
14) 1,2-Dichlorobenzene	8.47	146	74219	37.856	ng	#	95
15) Benzyl Alcohol	8.38	79	54077	36.619	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.65	45	70785	31.570	ng		89
17) 2-Methylphenol	8.58	107	48318	38.120	ng	#	79
18) Hexachloroethane	9.19	117	38911	44.926	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	48010	35.417	ng	#	71
20) 3+4-Methylphenols	8.91	107	62002	33.998	ng	#	83
22) Acetophenone	8.96	105	98811	43.981	ng	#	81
24) Nitrobenzene	9.35	77	82454	42.701	ng		92
25) Isophorone	9.87	82	124006	47.258	ng	#	91
26) 2-Nitrophenol	10.06	139	32912	40.830	ng	#	29
27) 2,4-Dimethylphenol	10.11	122	54091	48.166	ng	#	80
28) bis(2-Chloroethoxy)methane	10.35	93	68068	39.911	ng		100
29) 2,4-Dichlorophenol	10.60	162	55553	41.629	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	66834	41.220	ng		96
31) Naphthalene	10.99	128	190748	42.240	ng		98
32) Benzoic acid	10.29	122	29877	34.900	ng	#	83
33) 4-Chloroaniline	11.12	127	43615	23.668	ng	#	83
34) Hexachlorobutadiene	11.24	225	53973	47.989	ng		92
35) Caprolactam	11.93	113	13076	35.378	ng	#	86
36) 4-Chloro-3-methylphenol	12.23	107	59021	40.211	ng		85
37) 2-Methylnaphthalene	12.59	142	134606	44.498	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	73237	47.441	ng	#	100
40) Hexachlorocyclopentadiene	12.91	237	45362	61.794	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	42364	43.861	ng		94
43) 2,4,5-Trichlorophenol	13.29	196	41911	42.068	ng	#	81
45) 1,1'-Biphenyl	13.59	154	167786	41.001	ng		99
46) 2-Chloronaphthalene	13.64	162	129318	40.629	ng	#	86
47) 2-Nitroaniline	13.86	65	42878	40.747	ng	#	71
48) Acenaphthylene	14.48	152	205747	44.156	ng		99
49) Dimethylphthalate	14.22	163	167905	42.311	ng		99
50) 2,6-Dinitrotoluene	14.36	165	31787	39.811	ng	#	49
51) Acenaphthene	14.82	154	116671	40.713	ng		97
52) 3-Nitroaniline	14.69	138	24668	28.603	ng	#	69
53) 2,4-Dinitrophenol	14.92	184	22711	67.293	ng	#	63
54) Dibenzofuran	15.16	168	193077	40.886	ng	#	73
55) 4-Nitrophenol	15.01	139	38541	62.340	ng	#	90
56) 2,4-Dinitrotoluene	15.15	165	46625	40.839	ng	#	56
57) Fluorene	15.80	166	150663	42.934	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	37967	44.336	ng	#	100
59) Diethylphthalate	15.56	149	184388	43.108	ng	#	93
60) 4-Chlorophenyl-phenylether	15.79	204	80440	41.177	ng	#	81
61) 4-Nitroaniline	15.86	138	28954	34.992	ng	#	1
62) Azobenzene	16.08	77	210859	46.809	ng	#	70
64) 4,6-Dinitro-2-methylphenol	15.92	198	18164	32.680	ng	#	79
65) n-Nitrosodiphenylamine	16.01	169	128536	42.628	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	47498	45.807	ng	#	70
67) Hexachlorobenzene	16.80	284	44914	39.333	ng	#	60
68) Atrazine	16.95	200	48777	45.134	ng		97
69) Pentachlorophenol	17.15	266	43658	61.743	ng		97
70) Phenanthrene	17.53	178	220808	43.070	ng		98
71) Anthracene	17.63	178	226090	45.375	ng		97
72) Carbazole	17.90	167	198002	38.358	ng	#	94
73) Di-n-butylphthalate	18.42	149	285705	44.418	ng	#	96
74) Fluoranthene	19.53	202	258447	45.193	ng		98
76) Benzidine	19.72	184	88666	27.748	ng		97
77) Pyrene	19.89	202	267983	39.107	ng		99
79) Butylbenzylphthalate	20.74	149	138967	39.920	ng	#	71
80) Benzo(a)anthracene	21.61	228	310269	44.054	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	80667	28.436	ng		98
82) Chrysene	21.66	228	290419	42.987	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	203479	40.332	ng	#	91
84) Di-n-octyl phthalate	22.39	149	365977	43.162	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.34	276	392153	48.915	ng		98
87) Benzo(b)fluoranthene	23.25	252	321048	44.827	ng	#	94
88) Benzo(k)fluoranthene	23.29	252	320004	44.089	ng	#	96
89) Benzo(a)pyrene	23.86	252	316888	46.026	ng		98
90) Dibenzo(a,h)anthracene	26.33	278	332795	46.653	ng	#	93
91) Benzo(g,h,i)perylene	27.07	276	311303	46.141	ng	#	90

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

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