Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016368.D
Acq On : 15 Aug 2018 01:05
Operator : SJ/JU
Sample : PB112011BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112011BS

Quant Time: Aug 15 11:32:31 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	25864	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	111437	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	62041	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	136165	20.00	ng		0.00
75) Chrysene-d12	21.62	240	133669	20.00	ng		0.00
86) Perylene-d12	23.94	264	111475	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	151510	97.31	ng		0.00
7) Phenol-d6	7.29	99	189158	93.03	ng		0.00
23) Nitrobenzene-d5	9.30	82	192919	80.52	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	73394	93.27	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	437722	85.85	ng		0.00
78) Terphenyl-d14	20.07	244	694312	108.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	28879	39.587	ng	#	100
3) Pyridine	3.87	79	64523	36.715	ng	#	72
4) n-Nitrosodimethylamine	3.79	42	74077	54.042	ng	#	29
6) Aniline	7.45	93	74912	31.997	ng	#	89
8) 2-Chlorophenol	7.67	128	80814	43.671	ng		97
9) Benzaldehyde	7.26	77	35889	25.121	ng		81
10) Phenol	7.31	94	86663	42.623	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	61549	38.318	ng		89
12) 1,3-Dichlorobenzene	7.99	146	84116	38.833	ng	#	81
13) 1,4-Dichlorobenzene	8.15	146	87357	39.765	ng	#	91
14) 1,2-Dichlorobenzene	8.46	146	84408	39.268	ng	#	91
15) Benzyl Alcohol	8.37	79	70709	43.672	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.63	45	84809	34.499	ng		95
17) 2-Methylphenol	8.57	107	64002	46.054	ng	#	78
18) Hexachloroethane	9.18	117	41719	43.933	ng		99
19) n-Nitroso-di-n-propylamine	8.93	70	60882	40.964	ng	#	70
20) 3+4-Methylphenols	8.90	107	83529	41.775	ng		82
22) Acetophenone	8.96	105	117313	41.808	ng	#	79
24) Nitrobenzene	9.35	77	100024	41.475	ng		94
25) Isophorone	9.86	82	159549	48.684	ng	#	90
26) 2-Nitrophenol	10.05	139	42068	41.786	ng	#	36
27) 2,4-Dimethylphenol	10.10	122	70762	50.451	ng	#	73
28) bis(2-Chloroethoxy)methane	10.33	93	88193	41.404	ng		98
29) 2,4-Dichlorophenol	10.59	162	76001	45.600	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	81976	40.481	ng	#	95
31) Naphthalene	10.97	128	234294	41.542	ng		99
32) Benzoic acid	10.30	122	47243	44.185	ng	#	69
33) 4-Chloroaniline	11.10	127	67299	29.241	ng	#	85
34) Hexachlorobutadiene	11.23	225	64344	45.807	ng		94
35) Caprolactam	11.93	113	19769	42.825	ng		94
36) 4-Chloro-3-methylphenol	12.23	107	84577	46.137	ng	#	84
37) 2-Methylnaphthalene	12.58	142	179527	47.518	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	98170	46.478	ng	#	100
40) Hexachlorocyclopentadiene	12.90	237	44319	46.320	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	62732	47.471 ng		96
43) 2,4,5-Trichlorophenol	13.27	196	66158	48.535 ng	#	80
45) 1,1'-Biphenyl	13.59	154	230028	41.083 ng		99
46) 2-Chloronaphthalene	13.63	162	178817	41.062 ng	#	88
47) 2-Nitroaniline	13.86	65	63523	44.121 ng	#	73
48) Acenaphthylene	14.47	152	292930	45.949 ng		98
49) Dimethylphthalate	14.21	163	244231	44.982 ng		99
50) 2,6-Dinitrotoluene	14.35	165	47404	43.392 ng	#	45
51) Acenaphthene	14.82	154	164638	41.991 ng		96
52) 3-Nitroaniline	14.69	138	36767	31.159 ng	#	78
53) 2,4-Dinitrophenol	14.91	184	38469	81.854 ng	#	52
54) Dibenzofuran	15.15	168	281405	43.554 ng	#	75
55) 4-Nitrophenol	15.00	139	66626	78.766 ng	#	88
56) 2,4-Dinitrotoluene	15.15	165	73809	47.251 ng	#	65
57) Fluorene	15.80	166	225989	47.069 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	58213	49.685 ng	#	100
59) Diethylphthalate	15.56	149	269556	46.060 ng		94
60) 4-Chlorophenyl-phenylether	15.78	204	120596	45.120 ng	#	82
61) 4-Nitroaniline	15.85	138	44676	39.462 ng	#	1
62) Azobenzene	16.07	77	296369	48.086 ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.91	198	30316	36.681 ng	#	78
65) n-Nitrosodiphenylamine	16.00	169	191211	42.646 ng		95
66) 4-Bromophenyl-phenylether	16.67	248	70700	45.854 ng	#	73
67) Hexachlorobenzene	16.79	284	69054	40.669 ng	#	57
68) Atrazine	16.94	200	76070	47.337 ng		97
69) Pentachlorophenol	17.14	266	72814	69.253 ng		98
70) Phenanthrene	17.53	178	336342	44.120 ng		98
71) Anthracene	17.62	178	346798	46.807 ng		99
72) Carbazole	17.90	167	297849	38.805 ng	#	96
73) Di-n-butylphthalate	18.42	149	456344	47.712 ng	#	96
74) Fluoranthene	19.52	202	387467	45.565 ng		97
76) Benzidine	19.71	184	234456	62.768 ng		98
77) Pyrene	19.89	202	390134	48.704 ng		99
79) Butylbenzylphthalate	20.74	149	214217	52.642 ng	#	79
80) Benzo(a)anthracene	21.60	228	375236	45.578 ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	111751	33.700 ng		99
82) Chrysene	21.66	228	340198	43.077 ng		98
83) Bis(2-ethylhexyl)phthalate	21.49	149	309203	52.430 ng		93
84) Di-n-octyl phthalate	22.39	149	479549	48.381 ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.33	276	367067	39.168 ng		98
87) Benzo(b)fluoranthene	23.24	252	319144	48.625 ng	#	94
88) Benzo(k)fluoranthene	23.29	252	297870	44.781 ng	#	97
89) Benzo(a)pyrene	23.85	252	296056	46.921 ng	#	97
90) Dibenzo(a,h)anthracene	26.32	278	307909	47.101 ng	#	93
91) Benzo(g,h,i)perylene	27.06	276	286525	46.341 ng	#	89

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

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