Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016027.D
Acq On : 23 Jul 2018 15:55
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM072318

Quant Time: Jul 23 16:32:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	38945	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	157151	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	85635	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	178482	20.00	ng		0.00
75) Chrysene-d12	21.70	240	197124	20.00	ng		0.00
86) Perylene-d12	24.07	264	200015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	184596	78.74	ng		0.00
7) Phenol-d6	7.39	99	242126	79.08	ng		0.00
23) Nitrobenzene-d5	9.42	82	260680	77.15	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	78981	72.72	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	544112	77.31	ng		0.00
78) Terphenyl-d14	20.16	244	716447	76.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	42437	38.633	ng	#	100
3) Pyridine	3.96	79	100676	38.045	ng	#	72
4) n-Nitrosodimethylamine	3.87	42	76748	37.184	ng	#	36
6) Aniline	7.56	93	138682	39.339	ng		92
8) 2-Chlorophenol	7.79	128	109435	39.274	ng		98
9) Benzaldehyde	7.37	77	84978	39.503	ng		88
10) Phenol	7.42	94	121571	39.709	ng		95
11) bis(2-Chloroethyl)ether	7.65	93	93963	38.850	ng		90
12) 1,3-Dichlorobenzene	8.12	146	125170	38.377	ng	#	89
13) 1,4-Dichlorobenzene	8.27	146	128888	38.964	ng	#	94
14) 1,2-Dichlorobenzene	8.59	146	122556	37.865	ng	#	94
15) Benzyl Alcohol	8.49	79	92214	37.824	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.75	45	142081	38.383	ng		98
17) 2-Methylphenol	8.68	107	82198	39.280	ng	#	84
18) Hexachloroethane	9.31	117	53667	37.533	ng		98
19) n-Nitroso-di-n-propylamine	9.05	70	84170	37.611	ng	#	71
20) 3+4-Methylphenols	9.01	107	110538	36.714	ng		86
22) Acetophenone	9.07	105	157286	39.748	ng	#	85
24) Nitrobenzene	9.46	77	130975	38.511	ng		94
25) Isophorone	9.98	82	174934	37.851	ng	#	94
26) 2-Nitrophenol	10.17	139	53279	37.528	ng	#	48
27) 2,4-Dimethylphenol	10.22	122	76817	38.837	ng	#	84
28) bis(2-Chloroethoxy)methane	10.46	93	114201	38.018	ng		98
29) 2,4-Dichlorophenol	10.71	162	94124	40.046	ng		96
30) 1,2,4-Trichlorobenzene	10.92	180	110511	38.697	ng		94
31) Naphthalene	11.10	128	299170	37.615	ng		99
32) Benzoic acid	10.37	122	55123	36.558	ng	#	86
33) 4-Chloroaniline	11.23	127	125075	38.536	ng	#	87
34) Hexachlorobutadiene	11.36	225	77886	39.318	ng		98
35) Caprolactam	12.02	113	24054	36.950	ng	#	80
36) 4-Chloro-3-methylphenol	12.33	107	102313	39.577	ng		87
37) 2-Methylnaphthalene	12.70	142	211331	39.665	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	113117	38.799	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	48009	38.003	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	73092	40.071 ng		97
43) 2,4,5-Trichlorophenol	13.38	196	73158	38.883 ng	#	81
45) 1,1'-Biphenyl	13.69	154	296887	38.415 ng		98
46) 2-Chloronaphthalene	13.75	162	231348	38.488 ng	#	91
47) 2-Nitroaniline	13.96	65	75545	38.015 ng	#	78
48) Acenaphthylene	14.59	152	340709	38.719 ng		99
49) Dimethylphthalate	14.31	163	283871	37.878 ng		99
50) 2,6-Dinitrotoluene	14.45	165	59444	39.422 ng	#	59
51) Acenaphthene	14.92	154	204253	37.741 ng		95
52) 3-Nitroaniline	14.78	138	60595	37.204 ng	#	75
53) 2,4-Dinitrophenol	15.00	184	19627	34.113 ng	#	68
54) Dibenzofuran	15.25	168	336829	37.768 ng	#	81
55) 4-Nitrophenol	15.09	139	44246	37.896 ng	#	82
56) 2,4-Dinitrotoluene	15.23	165	80393	37.286 ng		93
57) Fluorene	15.90	166	249619	37.666 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.48	232	63614	39.335 ng	#	100
59) Diethylphthalate	15.66	149	307060	38.013 ng		95
60) 4-Chlorophenyl-phenylether	15.88	204	137405	37.245 ng	#	82
61) 4-Nitroaniline	15.94	138	55904	35.775 ng	#	15
62) Azobenzene	16.17	77	329727	38.759 ng	#	76
64) 4,6-Dinitro-2-methylphenol	16.00	198	41278	38.103 ng		85
65) n-Nitrosodiphenylamine	16.10	169	231859	39.451 ng		98
66) 4-Bromophenyl-phenylether	16.77	248	79596	39.384 ng	#	72
67) Hexachlorobenzene	16.89	284	86153	38.709 ng	#	64
68) Atrazine	17.03	200	83337	39.564 ng		99
69) Pentachlorophenol	17.24	266	52028	37.751 ng		96
70) Phenanthrene	17.63	178	381850	38.214 ng		98
71) Anthracene	17.72	178	373697	38.479 ng		98
72) Carbazole	17.99	167	388203	38.585 ng		97
73) Di-n-butylphthalate	18.51	149	490355	39.113 ng	#	97
74) Fluoranthene	19.62	202	429171	38.503 ng		99
76) Benzidine	19.79	184	220873	40.097 ng		99
77) Pyrene	19.97	202	449296	38.034 ng		99
79) Butylbenzylphthalate	20.83	149	234443	39.067 ng	#	82
80) Benzo(a)anthracene	21.69	228	455923	37.552 ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	188679	38.583 ng		99
82) Chrysene	21.74	228	436136	37.448 ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	339081	38.988 ng		93
84) Di-n-octyl phthalate	22.49	149	565613	38.695 ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.50	276	516873	37.399 ng	#	94
87) Benzo(b)fluoranthene	23.35	252	436549	37.070 ng	#	97
88) Benzo(k)fluoranthene	23.40	252	452743	37.935 ng		98
89) Benzo(a)pyrene	23.97	252	428950	37.889 ng		99
90) Dibenzo(a,h)anthracene	26.51	278	443119	37.778 ng	#	95
91) Benzo(g,h,i)perylene	27.26	276	414947	37.404 ng	#	94

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

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