Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
Data File : BM016298.D
Acq On : 10 Aug 2018 16:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 10 18:44:15 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 18:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42332	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	169843	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	83376	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	154347	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	164085	20.00	ng		-0.01
86) Perylene-d12	23.97	264	175120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	212020	83.20	ng		0.00
7) Phenol-d6	7.30	99	269802	81.07	ng		0.00
23) Nitrobenzene-d5	9.32	82	323782	88.67	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	70202	66.39	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	624223	91.10	ng		0.00
78) Terphenyl-d14	20.08	244	647950	82.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	47249	39.572	ng	#	100
3) Pyridine	3.89	79	111974	38.929	ng	#	67
4) n-Nitrosodimethylamine	3.80	42	98216	43.778	ng	#	32
6) Aniline	7.46	93	150354	39.237	ng	#	87
8) 2-Chlorophenol	7.69	128	121736	40.193	ng		98
9) Benzaldehyde	7.28	77	92760	39.670	ng		88
10) Phenol	7.33	94	133317	40.061	ng		95
11) bis(2-Chloroethyl)ether	7.55	93	103902	39.522	ng		86
12) 1,3-Dichlorobenzene	8.01	146	138834	39.161	ng	#	87
13) 1,4-Dichlorobenzene	8.16	146	143760	39.983	ng		95
14) 1,2-Dichlorobenzene	8.48	146	137334	39.036	ng	#	94
15) Benzyl Alcohol	8.39	79	108506	40.946	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.66	45	144142	35.824	ng		94
17) 2-Methylphenol	8.59	107	91129	40.064	ng	#	79
18) Hexachloroethane	9.20	117	62311	40.091	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	97874	40.236	ng	#	74
20) 3+4-Methylphenols	8.92	107	124149	37.936	ng		86
22) Acetophenone	8.97	105	178561	41.752	ng	#	81
24) Nitrobenzene	9.36	77	151480	41.212	ng		95
25) Isophorone	9.87	82	205762	41.194	ng	#	92
26) 2-Nitrophenol	10.07	139	63648	41.481	ng	#	38
27) 2,4-Dimethylphenol	10.12	122	88045	41.187	ng	#	84
28) bis(2-Chloroethoxy)methane	10.35	93	127040	39.132	ng		98
29) 2,4-Dichlorophenol	10.60	162	106433	41.899	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	125284	40.592	ng	#	95
31) Naphthalene	10.99	128	336964	39.200	ng		99
32) Benzoic acid	10.30	122	56352	34.581	ng		87
33) 4-Chloroaniline	11.12	127	138318	39.432	ng	#	86
34) Hexachlorobutadiene	11.25	225	91564	42.769	ng		96
35) Caprolactam	11.95	113	26794	38.083	ng	#	86
36) 4-Chloro-3-methylphenol	12.25	107	113304	40.553	ng		85
37) 2-Methylnaphthalene	12.59	142	224464	38.981	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	125854	44.338	ng	#	100
40) Hexachlorocyclopentadiene	12.92	237	16884	18.628	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	77791	43.803	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	76556	41.791	ng	#	79
45) 1,1'-Biphenyl	13.60	154	314445	41.790	ng		98
46) 2-Chloronaphthalene	13.65	162	242941	41.512	ng	#	87
47) 2-Nitroaniline	13.87	65	80754	41.737	ng	#	75
48) Acenaphthylene	14.49	152	353112	41.215	ng		99
49) Dimethylphthalate	14.22	163	301033	41.256	ng		100
50) 2,6-Dinitrotoluene	14.36	165	59911	40.808	ng	#	45
51) Acenaphthene	14.83	154	206944	39.275	ng		99
52) 3-Nitroaniline	14.70	138	60179	37.950	ng	#	77
53) 2,4-Dinitrophenol	14.93	184	14782	27.774	ng	#	70
54) Dibenzofuran	15.16	168	337112	38.824	ng	#	79
55) 4-Nitrophenol	15.03	139	32641	28.714	ng	#	92
56) 2,4-Dinitrotoluene	15.16	165	81424	38.788	ng	#	67
57) Fluorene	15.81	166	248798	38.559	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	59780	37.966	ng	#	100
59) Diethylphthalate	15.57	149	324833	41.302	ng		94
60) 4-Chlorophenyl-phenylether	15.79	204	143673	39.999	ng	#	80
61) 4-Nitroaniline	15.86	138	53654	35.265	ng	#	1
62) Azobenzene	16.09	77	337570	40.756	ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.92	198	26592	28.385	ng	#	81
65) n-Nitrosodiphenylamine	16.02	169	224657	44.203	ng		96
66) 4-Bromophenyl-phenylether	16.69	248	76387	43.706	ng	#	72
67) Hexachlorobenzene	16.80	284	78334	40.700	ng	#	57
68) Atrazine	16.96	200	80679	44.291	ng		94
69) Pentachlorophenol	17.16	266	40096	33.643	ng		97
70) Phenanthrene	17.54	178	335398	38.814	ng		99
71) Anthracene	17.63	178	329906	39.282	ng		97
72) Carbazole	17.91	167	327305	37.619	ng	#	96
73) Di-n-butylphthalate	18.43	149	482468	44.501	ng	#	96
74) Fluoranthene	19.53	202	358938	37.238	ng		98
76) Benzidine	19.72	184	194390	42.395	ng		97
77) Pyrene	19.90	202	372047	37.836	ng		99
79) Butylbenzylphthalate	20.76	149	209453	41.930	ng	#	78
80) Benzo(a)anthracene	21.62	228	400496	39.629	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	163250	40.104	ng		99
82) Chrysene	21.67	228	384049	39.616	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	310215	42.851	ng	#	90
84) Di-n-octyl phthalate	22.40	149	523417	43.019	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.35	276	496480	43.157	ng	#	96
87) Benzo(b)fluoranthene	23.26	252	404209	39.203	ng	#	95
88) Benzo(k)fluoranthene	23.30	252	410052	39.242	ng	#	98
89) Benzo(a)pyrene	23.87	252	393302	39.679	ng		99
90) Dibenzo(a,h)anthracene	26.35	278	424163	41.303	ng	#	95
91) Benzo(g,h,i)perylene	27.09	276	388320	39.979	ng	#	92

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

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