Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090618\
Data File : BM016686.D
Acq On : 06 Sep 2018 15:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/7/2018 11:47:01 AM

Quant Time: Sep 07 09:19:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	64350	20.00	ng		-0.05
21) Naphthalene-d8	10.76	136	255620	20.00	ng		-0.05
38) Acenaphthene-d10	14.60	164	184347	20.00	ng		-0.04
63) Phenanthrene-d10	17.35	188	658573	20.00	ng		-0.04
75) Chrysene-d12	21.50	240	1169780	20.00	ng		-0.04
86) Perylene-d12	23.76	264	1058813	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	257447	78.40	ng		-0.04
7) Phenol-d6	7.15	99	340929	78.46	ng		-0.04
23) Nitrobenzene-d5	9.15	82	530677	94.79	ng		-0.04
41) 2,4,6-Tribromophenol	16.10	330	477193	92.60	ng		-0.04
44) 2-Fluorobiphenyl	13.22	172	1751710	91.34	ng		-0.04
78) Terphenyl-d14	19.94	244	5742586	103.90	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	84410	46.528	ng	#	100
3) Pyridine	3.78	79	154924	41.044	ng	#	79
4) n-Nitrosodimethylamine	3.69	42	82207	48.887	ng	#	68
6) Aniline	7.30	93	194091	39.915	ng	#	90
8) 2-Chlorophenol	7.52	128	158747	40.626	ng		98
9) Benzaldehyde	7.12	77	134634	44.644	ng	#	65
10) Phenol	7.17	94	167532	38.984	ng		87
11) bis(2-Chloroethyl)ether	7.39	93	129445	40.169	ng		96
12) 1,3-Dichlorobenzene	7.85	146	205228	39.614	ng	#	89
13) 1,4-Dichlorobenzene	8.00	146	204247	38.416	ng	#	93
14) 1,2-Dichlorobenzene	8.31	146	199012	38.101	ng	#	92
15) Benzyl Alcohol	8.23	79	175877	43.584	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.49	45	84526	38.093	ng	#	44
17) 2-Methylphenol	8.43	107	119814	38.501	ng	#	73
18) Hexachloroethane	9.02	117	118132	48.230	ng	#	57
19) n-Nitroso-di-n-propylamine	8.78	70	142261	41.756	ng	#	84
20) 3+4-Methylphenols	8.76	107	171674	39.899	ng	#	82
22) Acetophenone	8.81	105	254215	41.300	ng	#	96
24) Nitrobenzene	9.19	77	242767	43.400	ng		92
25) Isophorone	9.70	82	316472	42.296	ng	#	93
26) 2-Nitrophenol	9.90	139	101131	42.290	ng	#	35
27) 2,4-Dimethylphenol	9.95	122	122659	39.359	ng	#	64
28) bis(2-Chloroethoxy)methane	10.19	93	181367	40.606	ng		98
29) 2,4-Dichlorophenol	10.43	162	204130	43.766	ng		92
30) 1,2,4-Trichlorobenzene	10.63	180	325748	46.027	ng	#	93
31) Naphthalene	10.81	128	481795	39.560	ng		97
32) Benzoic acid	10.17	122	98471	37.765	ng	#	73
33) 4-Chloroaniline	10.95	127	208153	40.612	ng	#	84
34) Hexachlorobutadiene	11.06	225	374501	55.441	ng		96
35) Caprolactam	11.77	113	47610m	42.540	ng		
36) 4-Chloro-3-methylphenol	12.08	107	181868	40.560	ng		93
37) 2-Methylnaphthalene	12.42	142	379903	39.846	ng	#	82
39) 1,2,4,5-Tetrachlorobenzene	12.79	216	546525	52.493	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	219442	53.829	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	312165	50.139	ng		98
43) 2,4,5-Trichlorophenol	13.13	196	304378	50.049	ng	#	93
45) 1,1'-Biphenyl	13.43	154	619885	38.349	ng		99
46) 2-Chloronaphthalene	13.49	162	509155	38.771	ng		96
47) 2-Nitroaniline	13.72	65	147242	42.094	ng	#	82
48) Acenaphthylene	14.33	152	716362	38.644	ng		99
49) Dimethylphthalate	14.07	163	746045	42.124	ng	#	97
50) 2,6-Dinitrotoluene	14.21	165	147436	42.680	ng	#	71
51) Acenaphthene	14.67	154	436221	38.303	ng		93
52) 3-Nitroaniline	14.55	138	120682	38.394	ng	#	74
53) 2,4-Dinitrophenol	14.79	184	83535	48.321	ng	#	70
54) Dibenzofuran	15.00	168	896876	41.139	ng	#	89
55) 4-Nitrophenol	14.88	139	99517	49.639	ng	#	77
56) 2,4-Dinitrotoluene	15.01	165	229220	39.793	ng	#	85
57) Fluorene	15.65	166	684264	41.548	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.24	232	315715	54.012	ng	#	100
59) Diethylphthalate	15.42	149	757260	41.007	ng		96
60) 4-Chlorophenyl-phenylether	15.64	204	712003	51.551	ng	#	84
61) 4-Nitroaniline	15.72	138	115450	37.583	ng	#	1
62) Azobenzene	15.94	77	939027	47.741	ng		91
64) 4,6-Dinitro-2-methylphenol	15.78	198	200011	39.970	ng	#	59
65) n-Nitrosodiphenylamine	15.87	169	655609	35.387	ng		97
66) 4-Bromophenyl-phenylether	16.53	248	449250	44.396	ng		97
67) Hexachlorobenzene	16.65	284	499390	42.318	ng	#	90
68) Atrazine	16.82	200	357086	42.233	ng		91
69) Pentachlorophenol	17.01	266	283650	45.428	ng		99
70) Phenanthrene	17.39	178	1270765	37.333	ng		100
71) Anthracene	17.48	178	1279216	37.846	ng		99
72) Carbazole	17.76	167	1082090	35.624	ng		98
73) Di-n-butylphthalate	18.29	149	1421407	38.383	ng	#	95
74) Fluoranthene	19.39	202	2208818	44.257	ng		94
76) Benzidine	19.59	184	676959	30.092	ng		98
77) Pyrene	19.76	202	2384906	37.514	ng		99
79) Butylbenzylphthalate	20.62	149	760416	34.653	ng	#	66
80) Benzo(a)anthracene	21.48	228	2798511	40.692	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	1130940	36.943	ng	#	96
82) Chrysene	21.53	228	2559391	39.004	ng		98
83) Bis(2-ethylhexyl)phthalate	21.37	149	1186270	36.364	ng	#	93
84) Di-n-octyl phthalate	22.25	149	1903019	35.103	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.05	276	2792915m	29.596	ng		
87) Benzo(b)fluoranthene	23.08	252	2569010	42.090	ng	#	89
88) Benzo(k)fluoranthene	23.12	252	2675504	43.082	ng	#	93
89) Benzo(a)pyrene	23.66	252	2405590	40.506	ng	#	94
90) Dibenzo(a,h)anthracene	26.04	278	2352053	35.339	ng	#	87
91) Benzo(g,h,i)perylene	26.76	276	2016833	33.757	ng	#	79

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

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