Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
Data File : BM016092.D
Acq On : 27 Jul 2018 03:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/27/2018 2:05:07 PM

Quant Time: Jul 27 07:15:30 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	8.20	152	58322	20.00	ng		-0.03
21) Naphthalene-d8	11.02	136	268878	20.00	ng		-0.04
38) Acenaphthene-d10	14.83	164	161236	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	359309	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	410616	20.00	ng		-0.02
86) Perylene-d12	24.04	264	313325	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	283191	80.66	ng		-0.03
7) Phenol-d6	7.36	99	401898	87.65	ng		-0.02
23) Nitrobenzene-d5	9.39	82	494521	85.54	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	178407	87.24	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	1100331	83.03	ng		-0.02
78) Terphenyl-d14	20.13	244	1921254	97.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	63282	38.469	ng	#	100
3) Pyridine	3.94	79	160833	40.585	ng	#	73
4) n-Nitrosodimethylamine	3.85	42	125550	40.619	ng	#	35
6) Aniline	7.53	93	228508	43.283	ng		91
8) 2-Chlorophenol	7.76	128	172845	41.422	ng		96
9) Benzaldehyde	7.35	77	137091	42.555	ng		91
10) Phenol	7.39	94	198474	43.289	ng		98
11) bis(2-Chloroethyl)ether	7.62	93	151786	41.906	ng		87
12) 1,3-Dichlorobenzene	8.09	146	192472	39.406	ng	#	88
13) 1,4-Dichlorobenzene	8.24	146	194978	39.360	ng	#	95
14) 1,2-Dichlorobenzene	8.56	146	192060	39.624	ng	#	93
15) Benzyl Alcohol	8.46	79	175182	47.983	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.72	45	225045	40.597	ng		100
17) 2-Methylphenol	8.65	107	138976	44.348	ng	#	83
18) Hexachloroethane	9.28	117	87602	40.910	ng		99
19) n-Nitroso-di-n-propylamine	9.02	70	154662	46.149	ng	#	76
20) 3+4-Methylphenols	8.99	107	193405	42.896	ng		84
22) Acetophenone	9.05	105	274479	40.541	ng	#	84
24) Nitrobenzene	9.43	77	234246	40.256	ng		99
25) Isophorone	9.95	82	350296	44.300	ng	#	93
26) 2-Nitrophenol	10.15	139	101924	41.960	ng	#	57
27) 2,4-Dimethylphenol	10.19	122	142537	42.118	ng	#	80
28) bis(2-Chloroethoxy)methane	10.43	93	215132	41.859	ng		99
29) 2,4-Dichlorophenol	10.67	162	171565	42.663	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	190185	38.924	ng		97
31) Naphthalene	11.07	128	533170	39.180	ng		99
32) Benzoic acid	10.38	122	126389m	48.992	ng		
33) 4-Chloroaniline	11.19	127	240294	43.272	ng	#	86
34) Hexachlorobutadiene	11.33	225	132457	39.082	ng		98
35) Caprolactam	12.02	113	56621m	50.836	ng		
36) 4-Chloro-3-methylphenol	12.30	107	203778	46.071	ng		88
37) 2-Methylnaphthalene	12.67	142	388793	42.650	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	210740	38.391	ng	#	100
40) Hexachlorocyclopentadiene	12.99	237	90379	37.998	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	146008	42.514	ng		99
43) 2,4,5-Trichlorophenol	13.35	196	148793	42.002	ng	#	82
45) 1,1'-Biphenyl	13.67	154	571720	39.290	ng		99
46) 2-Chloronaphthalene	13.72	162	444140	39.244	ng	#	90
47) 2-Nitroaniline	13.93	65	162803	43.511	ng	#	78
48) Acenaphthylene	14.56	152	677253	40.877	ng		99
49) Dimethylphthalate	14.29	163	589289	41.762	ng		100
50) 2,6-Dinitrotoluene	14.42	165	123847	43.622	ng	#	53
51) Acenaphthene	14.90	154	410809	40.316	ng		99
52) 3-Nitroaniline	14.76	138	132990	43.368	ng	#	74
53) 2,4-Dinitrophenol	14.97	184	49961	43.966	ng	#	69
54) Dibenzofuran	15.23	168	683478	40.704	ng	#	81
55) 4-Nitrophenol	15.06	139	96419	43.860	ng	#	77
56) 2,4-Dinitrotoluene	15.21	165	179979	44.335	ng		90
57) Fluorene	15.87	166	528861	42.384	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	131746	43.267	ng	#	100
59) Diethylphthalate	15.63	149	665768	43.774	ng		95
60) 4-Chlorophenyl-phenylether	15.86	204	291712	41.996	ng	#	81
61) 4-Nitroaniline	15.92	138	128203	43.574	ng	#	18
62) Azobenzene	16.15	77	711457	44.417	ng	#	76
64) 4,6-Dinitro-2-methylphenol	15.97	198	96029	44.032	ng	#	83
65) n-Nitrosodiphenylamine	16.08	169	496711	41.982	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	172831	42.479	ng	#	71
67) Hexachlorobenzene	16.87	284	182311	40.690	ng	#	69
68) Atrazine	17.02	200	185561	43.760	ng		98
69) Pentachlorophenol	17.22	266	121651	43.847	ng		98
70) Phenanthrene	17.60	178	812733	40.402	ng		99
71) Anthracene	17.69	178	813833	41.626	ng		99
72) Carbazole	17.97	167	841984	41.571	ng		96
73) Di-n-butylphthalate	18.49	149	1164303	46.132	ng	#	97
74) Fluoranthene	19.59	202	977299	43.553	ng		100
76) Benzidine	19.77	184	472888	41.212	ng		100
77) Pyrene	19.95	202	1039829	42.257	ng		99
79) Butylbenzylphthalate	20.80	149	585553	46.843	ng	#	76
80) Benzo(a)anthracene	21.67	228	1020671	40.358	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	384214	37.718	ng		100
82) Chrysene	21.72	228	964734	39.767	ng		100
83) Bis(2-ethylhexyl)phthalate	21.55	149	868449	47.937	ng	#	92
84) Di-n-octyl phthalate	22.46	149	1343508	44.125	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.46	276	706415	24.538	ng	#	94
87) Benzo(b)fluoranthene	23.33	252	848652	46.003	ng	#	96
88) Benzo(k)fluoranthene	23.37	252	800424m	42.813	ng		
89) Benzo(a)pyrene	23.94	252	721725	40.696	ng		99
90) Dibenzo(a,h)anthracene	26.46	278	611656	33.289	ng		97
91) Benzo(g,h,i)perylene	27.20	276	548366	31.554	ng	#	94

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

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