Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016668.D
Acq On : 05 Sep 2018 13:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/6/2018 11:43:36 AM

Quant Time: Sep 05 14:30:03 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	7.97	152	52389	20.00	ng		-0.04
21) Naphthalene-d8	10.77	136	196291	20.00	ng		-0.04
38) Acenaphthene-d10	14.61	164	146867	20.00	ng		-0.04
63) Phenanthrene-d10	17.36	188	466296	20.00	ng		-0.03
75) Chrysene-d12	21.50	240	718418	20.00	ng		-0.03
86) Perylene-d12	23.77	264	822720	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	198807	74.36	ng		-0.03
7) Phenol-d6	7.15	99	250459	70.80	ng		-0.04
23) Nitrobenzene-d5	9.15	82	406897	94.65	ng		-0.04
41) 2,4,6-Tribromophenol	16.10	330	321157	78.22	ng		-0.04
44) 2-Fluorobiphenyl	13.22	172	1321446	86.49	ng		-0.04
78) Terphenyl-d14	19.94	244	3277875	96.57	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	67343	45.595	ng	#	100
3) Pyridine	3.77	79	110844	36.071	ng	#	79
4) n-Nitrosodimethylamine	3.69	42	60295	44.043	ng	#	72
6) Aniline	7.30	93	148834	37.596	ng	#	92
8) 2-Chlorophenol	7.53	128	123431	38.800	ng		98
9) Benzaldehyde	7.13	77	103483	42.149	ng	#	75
10) Phenol	7.17	94	127970	36.577	ng		80
11) bis(2-Chloroethyl)ether	7.40	93	96330	36.717	ng		99
12) 1,3-Dichlorobenzene	7.85	146	164312	38.958	ng	#	83
13) 1,4-Dichlorobenzene	8.00	146	160302	37.035	ng		95
14) 1,2-Dichlorobenzene	8.32	146	156828	36.879	ng		94
15) Benzyl Alcohol	8.24	79	130922	39.851	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.48	45	63707	35.265	ng	#	38
17) 2-Methylphenol	8.43	107	93711	36.988	ng	#	69
18) Hexachloroethane	9.02	117	94626	47.454	ng	#	41
19) n-Nitroso-di-n-propylamine	8.79	70	104421	37.647	ng	#	81
20) 3+4-Methylphenols	8.76	107	121839	34.781	ng	#	83
22) Acetophenone	8.82	105	190240	40.248	ng	#	98
24) Nitrobenzene	9.20	77	183433	42.704	ng		93
25) Isophorone	9.71	82	234365	40.789	ng	#	92
26) 2-Nitrophenol	9.90	139	72115	39.271	ng	#	47
27) 2,4-Dimethylphenol	9.96	122	91705	38.321	ng	#	83
28) bis(2-Chloroethoxy)methane	10.19	93	137348	40.045	ng		98
29) 2,4-Dichlorophenol	10.44	162	154483	43.132	ng		91
30) 1,2,4-Trichlorobenzene	10.63	180	270071	49.694	ng	#	93
31) Naphthalene	10.82	128	376558	40.264	ng		98
32) Benzoic acid	10.15	122	69645m	34.783	ng		
33) 4-Chloroaniline	10.96	127	151891	38.592	ng	#	82
34) Hexachlorobutadiene	11.06	225	314527	60.636	ng		98
35) Caprolactam	11.78	113	31550	36.711	ng	#	58
36) 4-Chloro-3-methylphenol	12.09	107	133101	38.656	ng		89
37) 2-Methylnaphthalene	12.43	142	281616	38.465	ng	#	83
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	430992	51.960	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	170593	52.872	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	229204	46.209	ng		98
43) 2,4,5-Trichlorophenol	13.14	196	219743	45.353	ng	#	94
45) 1,1'-Biphenyl	13.44	154	456795	35.471	ng		98
46) 2-Chloronaphthalene	13.49	162	393812	37.640	ng		97
47) 2-Nitroaniline	13.73	65	98565	35.369	ng		84
48) Acenaphthylene	14.33	152	517846	35.064	ng		99
49) Dimethylphthalate	14.07	163	541803	38.399	ng	#	97
50) 2,6-Dinitrotoluene	14.22	165	106978	38.871	ng	#	67
51) Acenaphthene	14.67	154	322850	35.583	ng		95
52) 3-Nitroaniline	14.56	138	85145m	34.001	ng		
53) 2,4-Dinitrophenol	14.80	184	47944	34.811	ng	#	77
54) Dibenzofuran	15.01	168	656839	37.817	ng	#	88
55) 4-Nitrophenol	14.89	139	55899	34.998	ng	#	83
56) 2,4-Dinitrotoluene	15.02	165	157912	34.409	ng		93
57) Fluorene	15.66	166	493401	37.604	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.24	232	233764	50.198	ng	#	100
59) Diethylphthalate	15.43	149	533435	36.258	ng		95
60) 4-Chlorophenyl-phenylether	15.64	204	511890	46.521	ng	#	82
61) 4-Nitroaniline	15.73	138	82132m	33.560	ng		
62) Azobenzene	15.94	77	670087	42.762	ng		89
64) 4,6-Dinitro-2-methylphenol	15.79	198	119339	33.683	ng	#	60
65) n-Nitrosodiphenylamine	15.87	169	474192	36.148	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	328703	45.877	ng		97
67) Hexachlorobenzene	16.66	284	363976	43.561	ng		93
68) Atrazine	16.82	200	237869	39.733	ng		92
69) Pentachlorophenol	17.01	266	199144	45.046	ng		95
70) Phenanthrene	17.40	178	884301	36.692	ng		98
71) Anthracene	17.49	178	874941	36.559	ng		96
72) Carbazole	17.77	167	717997	33.384	ng		96
73) Di-n-butylphthalate	18.29	149	911276	34.754	ng	#	96
74) Fluoranthene	19.40	202	1417860	40.124	ng		94
76) Benzidine	19.59	184	489762	35.449	ng		97
77) Pyrene	19.76	202	1505688	38.565	ng		99
79) Butylbenzylphthalate	20.63	149	451898	33.532	ng	#	67
80) Benzo(a)anthracene	21.49	228	1727035	40.889	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	746489	39.705	ng	#	96
82) Chrysene	21.54	228	1590535	39.468	ng		99
83) Bis(2-ethylhexyl)phthalate	21.38	149	666925	33.288	ng	#	93
84) Di-n-octyl phthalate	22.26	149	1105185	33.195	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.06	276	2459642	42.440	ng	#	91
87) Benzo(b)fluoranthene	23.09	252	1891696	39.887	ng	#	91
88) Benzo(k)fluoranthene	23.13	252	1803201	37.368	ng	#	93
89) Benzo(a)pyrene	23.67	252	1804975	39.114	ng	#	94
90) Dibenzo(a,h)anthracene	26.06	278	2106728	40.736	ng	#	87
91) Benzo(g,h,i)perylene	26.77	276	1892545	40.767	ng	#	80

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

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