Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016487.D
Acq On : 21 Aug 2018 15:46
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
8/22/2018 6:06:57 PM

Quant Time: Aug 21 16:27:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 14:43:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	152961	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	627210	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	429106	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1262108	20.00	ng		0.00
75) Chrysene-d12	21.55	240	1953145	20.00	ng		0.00
86) Perylene-d12	23.84	264	1932348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1326230m	145.71	ng		0.00
7) Phenol-d6	7.20	99	1742885	142.46	ng		0.00
23) Nitrobenzene-d5	9.22	82	2278893	151.32	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	2199035	339.30	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	8478346	205.45	ng		0.00
78) Terphenyl-d14	19.99	244	12550342	97.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	335447m	73.595	ng		
3) Pyridine	3.80	79	739607m	80.599	ng		
4) n-Nitrosodimethylamine	3.73	42	320474m	30.310	ng		
6) Aniline	7.36	93	945657	74.700	ng		91
8) 2-Chlorophenol	7.59	128	781484	69.643	ng		96
9) Benzaldehyde	7.18	77	469767	58.400	ng	#	79
10) Phenol	7.23	94	847292	71.499	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	631514	70.194	ng		99
12) 1,3-Dichlorobenzene	7.90	146	995381	77.396	ng	#	85
13) 1,4-Dichlorobenzene	8.06	146	1030182	79.238	ng		98
14) 1,2-Dichlorobenzene	8.38	146	1033038	80.884	ng		98
15) Benzyl Alcohol	8.29	79	772621	69.579	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.55	45	406160	35.864	ng	#	54
17) 2-Methylphenol	8.48	107	588892	68.770	ng	#	78
18) Hexachloroethane	9.08	117	475424	71.011	ng	#	61
19) n-Nitroso-di-n-propylamine	8.85	70	669181	72.046	ng	#	84
20) 3+4-Methylphenols	8.82	107	832261	70.723	ng	#	83
22) Acetophenone	8.87	105	1252107	74.434	ng	#	95
24) Nitrobenzene	9.26	77	1088522	74.980	ng		94
25) Isophorone	9.78	82	1522751	75.808	ng	#	95
26) 2-Nitrophenol	9.96	139	487651	79.851	ng	#	55
27) 2,4-Dimethylphenol	10.01	122	618211	75.723	ng	#	79
28) bis(2-Chloroethoxy)methane	10.25	93	901404	77.577	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	1008713	91.395	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	1520598	116.507	ng		95
31) Naphthalene	10.88	128	2386287	75.016	ng		97
32) Benzoic acid	10.26	122	538227m	81.166	ng		
33) 4-Chloroaniline	11.01	127	1034616	75.888	ng	#	89
34) Hexachlorobutadiene	11.13	225	1381985	122.841	ng		99
35) Caprolactam	11.87	113	225948m	79.855	ng		
36) 4-Chloro-3-methylphenol	12.14	107	901596	71.637	ng		94
37) 2-Methylnaphthalene	12.49	142	1962988	83.182	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	2038554	116.047	ng	#	100
40) Hexachlorocyclopentadiene	12.81	237	873946	160.324	ng		99

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42) 2,4,6-Trichlorophenol	13.10	196	1278514	116.448	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	1256420	117.296	ng	#	94
45) 1,1'-Biphenyl	13.50	154	3202316	80.629	ng		98
46) 2-Chloronaphthalene	13.55	162	2617536	84.478	ng		98
47) 2-Nitroaniline	13.77	65	659555	61.383	ng		85
48) Acenaphthylene	14.39	152	3780224	81.137	ng		99
49) Dimethylphthalate	14.13	163	3442347	81.804	ng	#	97
50) 2,6-Dinitrotoluene	14.27	165	693816	86.868	ng	#	86
51) Acenaphthene	14.73	154	2261868	80.446	ng		97
52) 3-Nitroaniline	14.61	138	594702	75.573	ng	#	80
54) Dibenzofuran	15.07	168	4690948	94.686	ng		95
55) 4-Nitrophenol	14.92	139	405907	78.969	ng	#	84
56) 2,4-Dinitrotoluene	15.07	165	1244588	93.222	ng	#	89
57) Fluorene	15.72	166	3530463	93.275	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1130872	112.682	ng	#	100
59) Diethylphthalate	15.49	149	3572522	74.818	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	2869528	119.835	ng		91
61) 4-Nitroaniline	15.78	138	579980	76.228	ng	#	1
62) Azobenzene	16.00	77	3687349	66.962	ng		90
64) 4,6-Dinitro-2-methylphenol	15.83	198	848465	96.403	ng	#	63
65) n-Nitrosodiphenylamine	15.93	169	3202694	74.990	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	1694202	99.804	ng		97
67) Hexachlorobenzene	16.71	284	2021802	121.368	ng		95
68) Atrazine	16.87	200	1106674	70.686	ng		90
69) Pentachlorophenol	17.06	266	1018578	106.788	ng		99
70) Phenanthrene	17.45	178	5847570	81.776	ng		99
71) Anthracene	17.54	178	5912839	83.296	ng		99
72) Carbazole	17.82	167	5174152	75.308	ng		98
73) Di-n-butylphthalate	18.35	149	6333775	64.235	ng	#	97
74) Fluoranthene	19.44	202	8655024	100.195	ng		94
76) Benzidine	19.64	184	2670704	62.128	ng		99
77) Pyrene	19.81	202	9183756	71.253	ng		99
79) Butylbenzylphthalate	20.67	149	3199240	52.961	ng	#	84
80) Benzo(a)anthracene	21.53	228	9668641	76.512	ng		98
81) 3,3'-Dichlorobenzidine	21.47	252	4160311	92.478	ng	#	97
82) Chrysene	21.59	228	9088492	76.530	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	4868021	56.492	ng	#	98
84) Di-n-octyl phthalate	22.32	149	7941777	61.445	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.18	276	12679917	130.534	ng	#	93
87) Benzo(b)fluoranthene	23.15	252	10130590	79.146	ng	#	91
88) Benzo(k)fluoranthene	23.20	252	9828276	76.833	ng	#	93
89) Benzo(a)pyrene	23.74	252	9493832	81.941	ng	#	94
90) Dibenzo(a,h)anthracene	26.17	278	10911462	105.020	ng	#	89
91) Benzo(g,h,i)perylene	26.89	276	9067789	97.105	ng	#	81

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

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