Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
Data File : BM016089.D
Acq On : 27 Jul 2018 01:26
Operator : SJ/JU
Sample : IDOC-02
Misc : FOR HP
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-02

Manual Integrations APPROVED
Sohil
7/27/2018 2:05:04 PM

Quant Time: Jul 27 06:54:14 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	73269	20.00	ng		-0.03
21) Naphthalene-d8	11.02	136	302023	20.00	ng		-0.04
38) Acenaphthene-d10	14.83	164	171045	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	380988	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	338642	20.00	ng		-0.02
86) Perylene-d12	24.04	264	251116	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	479983	108.82	ng		-0.02
7) Phenol-d6	7.37	99	630798	109.51	ng		-0.02
23) Nitrobenzene-d5	9.39	82	452336	69.66	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	255615	117.83	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	981677	69.83	ng		-0.02
78) Terphenyl-d14	20.13	244	1577502	97.51	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	52798	25.548	ng	#	100
3) Pyridine	3.93	79	138661	27.852	ng	#	72
4) n-Nitrosodimethylamine	3.85	42	134507	34.639	ng	#	36
6) Aniline	7.53	93	159088	23.987	ng		90
8) 2-Chlorophenol	7.76	128	172093	32.828	ng		96
9) Benzaldehyde	7.35	77	107282	26.508	ng		89
10) Phenol	7.39	94	198976	34.545	ng		97
11) bis(2-Chloroethyl)ether	7.62	93	137078	30.125	ng		88
12) 1,3-Dichlorobenzene	8.09	146	179001	29.171	ng	#	88
13) 1,4-Dichlorobenzene	8.24	146	182394	29.308	ng	#	95
14) 1,2-Dichlorobenzene	8.56	146	177410	29.135	ng	#	94
15) Benzyl Alcohol	8.46	79	160178	34.923	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.72	45	207985	29.865	ng		97
17) 2-Methylphenol	8.66	107	137284	34.871	ng	#	84
18) Hexachloroethane	9.28	117	82975	30.845	ng		98
19) n-Nitroso-di-n-propylamine	9.02	70	131912	31.331	ng	#	72
20) 3+4-Methylphenols	8.99	107	187514	33.105	ng		86
22) Acetophenone	9.05	105	254279	33.436	ng	#	84
24) Nitrobenzene	9.43	77	209232	32.011	ng		95
25) Isophorone	9.95	82	349197	39.314	ng	#	93
26) 2-Nitrophenol	10.15	139	91328	33.471	ng	#	55
27) 2,4-Dimethylphenol	10.19	122	156581	41.191	ng	#	82
28) bis(2-Chloroethoxy)methane	10.43	93	202471	35.072	ng		98
29) 2,4-Dichlorophenol	10.67	162	162160	35.899	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	166370	30.313	ng	#	96
31) Naphthalene	11.07	128	514339	33.648	ng		99
32) Benzoic acid	10.37	122	105296m	36.337	ng		
33) 4-Chloroaniline	11.20	127	118070	18.928	ng	#	86
34) Hexachlorobutadiene	11.33	225	114301	30.024	ng		98
35) Caprolactam	12.01	113	46656m	37.292	ng		
36) 4-Chloro-3-methylphenol	12.31	107	182137	36.660	ng		87
37) 2-Methylnaphthalene	12.67	142	378209	36.936	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	185747	31.898	ng	#	100
40) Hexachlorocyclopentadiene	12.99	237	223249	78.286	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	129768	35.618	ng		98
43) 2,4,5-Trichlorophenol	13.35	196	136899	36.428	ng	#	81
45) 1,1'-Biphenyl	13.67	154	503331	32.607	ng		99
46) 2-Chloronaphthalene	13.72	162	381015	31.735	ng	#	89
47) 2-Nitroaniline	13.93	65	140557	35.411	ng	#	76
48) Acenaphthylene	14.56	152	646580	36.788	ng		99
49) Dimethylphthalate	14.29	163	528208	35.287	ng		98
50) 2,6-Dinitrotoluene	14.43	165	107603	35.727	ng	#	62
51) Acenaphthene	14.90	154	368411	34.082	ng		98
52) 3-Nitroaniline	14.76	138	69126	21.249	ng	#	72
53) 2,4-Dinitrophenol	14.97	184	55960	46.079	ng	#	70
54) Dibenzofuran	15.23	168	603757	33.894	ng	#	79
55) 4-Nitrophenol	15.06	139	167514	71.831	ng	#	83
56) 2,4-Dinitrotoluene	15.22	165	157122	36.485	ng		90
57) Fluorene	15.87	166	491126	37.103	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.46	232	122523	37.931	ng	#	100
59) Diethylphthalate	15.63	149	582975	36.132	ng		95
60) 4-Chlorophenyl-phenylether	15.86	204	244011	33.114	ng	#	83
61) 4-Nitroaniline	15.92	138	99657	31.929	ng	#	15
62) Azobenzene	16.15	77	628373	36.980	ng	#	76
64) 4,6-Dinitro-2-methylphenol	15.97	198	57092	24.689	ng	#	83
65) n-Nitrosodiphenylamine	16.08	169	422908	33.710	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	143770	33.326	ng	#	72
67) Hexachlorobenzene	16.87	284	152605	32.122	ng	#	68
68) Atrazine	17.02	200	154222	34.300	ng		98
69) Pentachlorophenol	17.22	266	161550	54.914	ng		98
70) Phenanthrene	17.60	178	745418	34.947	ng		99
71) Anthracene	17.70	178	764362	36.871	ng		98
72) Carbazole	17.97	167	672683	31.322	ng	#	95
73) Di-n-butylphthalate	18.49	149	980473	36.638	ng	#	97
74) Fluoranthene	19.59	202	827053	34.760	ng		99
76) Benzidine	19.77	184	375835	39.716	ng		98
77) Pyrene	19.95	202	833244	41.059	ng		99
79) Butylbenzylphthalate	20.81	149	426714	41.391	ng	#	82
80) Benzo(a)anthracene	21.67	228	745242	35.731	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	141210	16.809	ng		99
82) Chrysene	21.72	228	683468	34.161	ng		98
83) Bis(2-ethylhexyl)phthalate	21.56	149	603038	40.361	ng		94
84) Di-n-octyl phthalate	22.46	149	886182	35.291	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.46	276	568813	23.958	ng	#	94
87) Benzo(b)fluoranthene	23.33	252	582807	39.418	ng	#	95
88) Benzo(k)fluoranthene	23.37	252	549132	36.648	ng		98
89) Benzo(a)pyrene	23.94	252	523708	36.846	ng		100
90) Dibenzo(a,h)anthracene	26.46	278	481880	32.723	ng	#	97
91) Benzo(g,h,i)perylene	27.20	276	458154	32.894	ng	#	94

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

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