Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
Data File : BM016088.D
Acq On : 27 Jul 2018 00:50
Operator : SJ/JU
Sample : IDOC-01
Misc : FOR HP
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-01

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

Quant Time: Jul 27 06:51:20 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	53107	20.00	ng		-0.03
21) Naphthalene-d8	11.02	136	218514	20.00	ng		-0.04
38) Acenaphthene-d10	14.83	164	131866	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	288443	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	273116	20.00	ng		-0.02
86) Perylene-d12	24.04	264	206535	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	480778	150.38	ng		-0.02
7) Phenol-d6	7.37	99	649876	155.65	ng		-0.02
23) Nitrobenzene-d5	9.39	82	470309	100.11	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	280616	167.78	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	1033843	95.39	ng		-0.02
78) Terphenyl-d14	20.13	244	1726787	132.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	53420	35.663	ng	#	100
3) Pyridine	3.93	79	140256	38.868	ng	#	75
4) n-Nitrosodimethylamine	3.85	42	141719	50.352	ng	#	35
6) Aniline	7.53	93	131892	27.436	ng	#	89
8) 2-Chlorophenol	7.76	128	180847	47.595	ng		96
9) Benzaldehyde	7.35	77	111275	37.933	ng		89
10) Phenol	7.39	94	205462	49.214	ng		99
11) bis(2-Chloroethyl)ether	7.62	93	143241	43.431	ng		89
12) 1,3-Dichlorobenzene	8.09	146	186506	41.934	ng	#	90
13) 1,4-Dichlorobenzene	8.24	146	189925	42.105	ng	#	93
14) 1,2-Dichlorobenzene	8.56	146	183481	41.571	ng	#	94
15) Benzyl Alcohol	8.46	79	170160	51.184	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.73	45	218239	43.235	ng		99
17) 2-Methylphenol	8.66	107	144396	50.602	ng	#	85
18) Hexachloroethane	9.28	117	85635	43.919	ng		96
19) n-Nitroso-di-n-propylamine	9.02	70	141464	46.356	ng	#	74
20) 3+4-Methylphenols	8.99	107	194568	47.391	ng		85
22) Acetophenone	9.05	105	267925	48.694	ng	#	84
24) Nitrobenzene	9.43	77	220810	46.693	ng		94
25) Isophorone	9.95	82	373253	58.082	ng	#	92
26) 2-Nitrophenol	10.15	139	94500	47.870	ng	#	51
27) 2,4-Dimethylphenol	10.19	122	166570	60.564	ng	#	79
28) bis(2-Chloroethoxy)methane	10.43	93	215088	51.496	ng		99
29) 2,4-Dichlorophenol	10.67	162	175107	53.580	ng		96
30) 1,2,4-Trichlorobenzene	10.89	180	176073	44.341	ng		96
31) Naphthalene	11.07	128	527386	47.687	ng		99
32) Benzoic acid	10.38	122	119999m	57.236	ng		
33) 4-Chloroaniline	11.20	127	76098	16.862	ng	#	88
34) Hexachlorobutadiene	11.33	225	120255	43.659	ng		95
35) Caprolactam	12.01	113	48211m	53.262	ng		
36) 4-Chloro-3-methylphenol	12.31	107	201028	55.925	ng		87
37) 2-Methylnaphthalene	12.67	142	414701	55.978	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	202043	45.005	ng	#	100
40) Hexachlorocyclopentadiene	12.99	237	239207	105.814	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	141027	50.209	ng		98
43) 2,4,5-Trichlorophenol	13.35	196	148702	51.326	ng	#	81
45) 1,1'-Biphenyl	13.67	154	535583	45.005	ng		98
46) 2-Chloronaphthalene	13.72	162	413192	44.641	ng	#	89
47) 2-Nitroaniline	13.93	65	149962	49.005	ng	#	77
48) Acenaphthylene	14.56	152	690853	50.985	ng		99
49) Dimethylphthalate	14.29	163	569656	49.362	ng		98
50) 2,6-Dinitrotoluene	14.42	165	115276	49.646	ng	#	55
51) Acenaphthene	14.90	154	396457	47.573	ng		97
52) 3-Nitroaniline	14.76	138	54184	21.605	ng	#	66
53) 2,4-Dinitrophenol	14.97	184	102949	101.476	ng	#	72
54) Dibenzofuran	15.23	168	656708	47.820	ng	#	82
55) 4-Nitrophenol	15.06	139	179716	99.960	ng	#	86
56) 2,4-Dinitrotoluene	15.22	165	168461	50.740	ng		90
57) Fluorene	15.87	166	535945	52.518	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	131863	52.951	ng	#	100
59) Diethylphthalate	15.63	149	621295	49.948	ng		95
60) 4-Chlorophenyl-phenylether	15.86	204	269355	47.414	ng	#	81
61) 4-Nitroaniline	15.92	138	104843	43.571	ng	#	16
62) Azobenzene	16.15	77	675946	51.599	ng	#	76
64) 4,6-Dinitro-2-methylphenol	15.97	198	79447	45.378	ng	#	84
65) n-Nitrosodiphenylamine	16.08	169	458137	48.235	ng		99
66) 4-Bromophenyl-phenylether	16.75	248	157416	48.196	ng	#	76
67) Hexachlorobenzene	16.87	284	165669	46.060	ng	#	65
68) Atrazine	17.02	200	168217	49.416	ng		98
69) Pentachlorophenol	17.22	266	186348	83.667	ng		99
70) Phenanthrene	17.60	178	822198	50.914	ng		99
71) Anthracene	17.70	178	841325	53.605	ng		99
72) Carbazole	17.97	167	741609	45.611	ng		97
73) Di-n-butylphthalate	18.49	149	1074597	53.038	ng	#	96
74) Fluoranthene	19.59	202	904558	50.215	ng		100
76) Benzidine	19.77	184	357315	46.818	ng		98
77) Pyrene	19.95	202	915714	55.949	ng		99
79) Butylbenzylphthalate	20.81	149	484002	58.212	ng	#	83
80) Benzo(a)anthracene	21.67	228	858989	51.065	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	141108	20.826	ng		99
82) Chrysene	21.72	228	789068	48.901	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	691357	57.374	ng		93
84) Di-n-octyl phthalate	22.46	149	1067807	52.726	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.46	276	639906	33.419	ng	#	94
87) Benzo(b)fluoranthene	23.33	252	690863	56.813	ng	#	95
88) Benzo(k)fluoranthene	23.37	252	652010	52.906	ng		99
89) Benzo(a)pyrene	23.94	252	611360	52.297	ng		100
90) Dibenzo(a,h)anthracene	26.46	278	543518	44.875	ng		97
91) Benzo(g,h,i)perylene	27.21	276	505752	44.150	ng	#	94

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

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