Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015849.D
Acq On : 09 Jul 2018 18:50
Operator : SJ/JU
Sample : J3888-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AOC7-BTM-6-6.5MS

Manual Integrations APPROVED
Sohil
7/10/2018 2:50:05 PM

Quant Time: Jul 10 02:20:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	90242	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	396665	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	234621	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	530252	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	624624	20.00	ng		-0.01
86) Perylene-d12	24.16	264	604826	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	877376	166.74	ng		-0.01
7) Phenol-d6	7.46	99	1176029	163.25	ng		0.00
23) Nitrobenzene-d5	9.49	82	773617	95.16	ng		-0.01
41) 2,4,6-Tribromophenol	16.40	330	517692	168.87	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	1588721	84.07	ng		-0.02
78) Terphenyl-d14	20.21	244	2930545	87.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	76150	34.992	ng	#	100
3) Pyridine	4.00	79	200109	34.846	ng	#	77
4) n-Nitrosodimethylamine	3.91	42	191553	42.838	ng	#	45
6) Aniline	7.62	93	330278	37.817	ng		90
8) 2-Chlorophenol	7.86	128	310300	49.134	ng		94
9) Benzaldehyde	7.43	77	129240	28.465	ng		89
10) Phenol	7.48	94	385904	53.314	ng		93
11) bis(2-Chloroethyl)ether	7.72	93	257221	43.684	ng		89
12) 1,3-Dichlorobenzene	8.19	146	301872	43.112	ng	#	90
13) 1,4-Dichlorobenzene	8.33	146	309090	42.687	ng	#	95
14) 1,2-Dichlorobenzene	8.66	146	302464	43.193	ng	#	94
15) Benzyl Alcohol	8.55	79	288641	46.153	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	416315	64.739	ng		98
17) 2-Methylphenol	8.75	107	254523	50.754	ng	#	87
18) Hexachloroethane	9.39	117	128029	44.717	ng		96
19) n-Nitroso-di-n-propylamine	9.12	70	246521	42.581	ng	#	79
20) 3+4-Methylphenols	9.08	107	344079	49.396	ng		88
22) Acetophenone	9.15	105	455518	44.083	ng	#	88
24) Nitrobenzene	9.53	77	374626	47.339	ng		98
25) Isophorone	10.05	82	648733	52.280	ng	#	94
26) 2-Nitrophenol	10.25	139	160608	47.131	ng	#	60
27) 2,4-Dimethylphenol	10.29	122	285184	55.088	ng	#	81
28) bis(2-Chloroethoxy)methane	10.52	93	371074	45.900	ng		99
29) 2,4-Dichlorophenol	10.77	162	300317	52.379	ng		98
30) 1,2,4-Trichlorobenzene	10.99	180	297558	44.682	ng		97
31) Naphthalene	11.18	128	933019	45.368	ng		99
32) Benzoic acid	10.41	122	36041m	7.863	ng		
33) 4-Chloroaniline	11.29	127	311552	37.157	ng	#	87
34) Hexachlorobutadiene	11.43	225	186539	41.972	ng		98
35) Caprolactam	12.10	113	88182m	46.376	ng		
36) 4-Chloro-3-methylphenol	12.40	107	330665	50.262	ng		87
37) 2-Methylnaphthalene	12.77	142	691380	47.259	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	335696	44.580	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	296725	83.870	ng		98

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42) 2,4,6-Trichlorophenol	13.37	196	234686	49.304	ng		99
43) 2,4,5-Trichlorophenol	13.45	196	252495	49.105	ng	#	83
45) 1,1'-Biphenyl	13.76	154	899774	44.356	ng		99
46) 2-Chloronaphthalene	13.81	162	697079	45.961	ng	#	91
47) 2-Nitroaniline	14.02	65	256955	48.582	ng	#	79
48) Acenaphthylene	14.65	152	1154373	46.787	ng		99
49) Dimethylphthalate	14.37	163	1183990	57.220	ng		99
50) 2,6-Dinitrotoluene	14.51	165	198909	49.302	ng	#	72
51) Acenaphthene	14.99	154	665827	43.368	ng		99
52) 3-Nitroaniline	14.84	138	172135	38.980	ng	#	74
53) 2,4-Dinitrophenol	15.06	184	122044	62.160	ng	#	85
54) Dibenzofuran	15.32	168	1080299	45.664	ng	#	86
55) 4-Nitrophenol	15.15	139	347008	106.475	ng	#	71
56) 2,4-Dinitrotoluene	15.30	165	289446	49.693	ng		94
57) Fluorene	15.96	166	885427	45.386	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	222180	51.205	ng	#	100
59) Diethylphthalate	15.72	149	1010166	45.556	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	431413	42.976	ng	#	88
61) 4-Nitroaniline	16.00	138	207172	45.223	ng	#	37
62) Azobenzene	16.24	77	1050686	50.549	ng		81
64) 4,6-Dinitro-2-methylphenol	16.06	198	135675	42.089	ng		89
65) n-Nitrosodiphenylamine	16.16	169	779345	42.894	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	261921	44.240	ng	#	80
67) Hexachlorobenzene	16.96	284	292865	44.268	ng	#	80
68) Atrazine	17.10	200	293413	49.096	ng		98
69) Pentachlorophenol	17.30	266	348717	85.185	ng		98
70) Phenanthrene	17.69	178	1384128	45.626	ng		99
71) Anthracene	17.78	178	1421423	47.712	ng		98
72) Carbazole	18.05	167	1337791	48.189	ng		98
73) Di-n-butylphthalate	18.57	149	1788407	47.795	ng	#	98
74) Fluoranthene	19.67	202	1662574	47.673	ng		98
76) Benzidine	19.84	184	1087563	59.427	ng		99
77) Pyrene	20.03	202	1678875	43.149	ng		99
79) Butylbenzylphthalate	20.88	149	891560	47.403	ng		88
80) Benzo(a)anthracene	21.74	228	1832648	46.276	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	563830	39.625	ng		98
82) Chrysene	21.80	228	1688923	45.780	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	1323105	47.611	ng		95
84) Di-n-octyl phthalate	22.54	149	2260900	49.894	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1842342	53.751	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1805300	44.707	ng	#	96
88) Benzo(k)fluoranthene	23.47	252	1734628	44.221	ng		99
89) Benzo(a)pyrene	24.06	252	1683314	47.356	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	1589439	49.698	ng		97
91) Benzo(g,h,i)perylene	27.40	276	1395461	49.660	ng		94

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

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