Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015850.D
Acq On : 09 Jul 2018 19:27
Operator : SJ/JU
Sample : J3888-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/10/2018 2:50:07 PM

Quant Time: Jul 10 02:28:05 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	89781	20.00	ng		-0.02
21) Naphthalene-d8	11.13	136	391530	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	234081	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	536943	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	618068	20.00	ng		-0.01
86) Perylene-d12	24.16	264	586504	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	868646	165.93	ng		-0.01
7) Phenol-d6	7.46	99	1176388	164.14	ng		0.00
23) Nitrobenzene-d5	9.49	82	792759	98.79	ng		-0.01
41) 2,4,6-Tribromophenol	16.40	330	525304	171.75	ng		-0.01
44) 2-Fluorobiphenyl	13.55	172	1604924	85.12	ng		-0.01
78) Terphenyl-d14	20.21	244	2909518	87.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	73423	33.912	ng	#	100
3) Pyridine	4.00	79	194987	34.128	ng	#	81
4) n-Nitrosodimethylamine	3.91	42	187397	42.124	ng	#	44
6) Aniline	7.62	93	335070	38.562	ng		92
8) 2-Chlorophenol	7.86	128	311448	49.569	ng		96
9) Benzaldehyde	7.43	77	127398	28.203	ng		89
10) Phenol	7.48	94	386459	53.664	ng		93
11) bis(2-Chloroethyl)ether	7.72	93	253263	43.233	ng		89
12) 1,3-Dichlorobenzene	8.19	146	299751	43.029	ng	#	92
13) 1,4-Dichlorobenzene	8.33	146	307922	42.744	ng	#	94
14) 1,2-Dichlorobenzene	8.66	146	299547	42.996	ng	#	95
15) Benzyl Alcohol	8.55	79	289153	46.472	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	399575	62.455	ng		98
17) 2-Methylphenol	8.75	107	250911	50.291	ng	#	86
18) Hexachloroethane	9.39	117	124269	43.626	ng		96
19) n-Nitroso-di-n-propylamine	9.12	70	244267	42.408	ng	#	77
20) 3+4-Methylphenols	9.08	107	342358	49.401	ng		89
22) Acetophenone	9.15	105	453151	44.429	ng	#	86
24) Nitrobenzene	9.53	77	373706	47.842	ng		98
25) Isophorone	10.05	82	637944	52.085	ng	#	94
26) 2-Nitrophenol	10.25	139	163659	48.656	ng	#	61
27) 2,4-Dimethylphenol	10.29	122	289047	56.567	ng		88
28) bis(2-Chloroethoxy)methane	10.53	93	366829	45.970	ng		98
29) 2,4-Dichlorophenol	10.77	162	294434	52.026	ng		94
30) 1,2,4-Trichlorobenzene	10.99	180	297748	45.297	ng		96
31) Naphthalene	11.18	128	922807	45.460	ng		99
32) Benzoic acid	10.41	122	35057m	7.749	ng		
33) 4-Chloroaniline	11.29	127	316036	38.186	ng	#	88
34) Hexachlorobutadiene	11.44	225	189027	43.089	ng		98
35) Caprolactam	12.10	113	91999m	49.017	ng		
36) 4-Chloro-3-methylphenol	12.40	107	338080	52.064	ng		89
37) 2-Methylnaphthalene	12.77	142	714867	49.505	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	340354	45.302	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	304984	86.117	ng		98

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42) 2,4,6-Trichlorophenol	13.37	196	238670	50.256	ng		97
43) 2,4,5-Trichlorophenol	13.44	196	254754	49.658	ng	#	85
45) 1,1'-Biphenyl	13.76	154	912781	45.101	ng		99
46) 2-Chloronaphthalene	13.81	162	709191	46.867	ng	#	92
47) 2-Nitroaniline	14.02	65	261865	49.625	ng	#	80
48) Acenaphthylene	14.65	152	1171592	47.595	ng		100
49) Dimethylphthalate	14.37	163	1203651	58.304	ng		100
50) 2,6-Dinitrotoluene	14.51	165	201251	49.998	ng	#	72
51) Acenaphthene	14.99	154	668062	43.614	ng		97
52) 3-Nitroaniline	14.84	138	179910	40.835	ng	#	74
53) 2,4-Dinitrophenol	15.06	184	125003	63.627	ng		88
54) Dibenzofuran	15.32	168	1092713	46.296	ng	#	86
55) 4-Nitrophenol	15.14	139	352748	108.486	ng	#	69
56) 2,4-Dinitrotoluene	15.29	165	289084	49.746	ng		98
57) Fluorene	15.96	166	902402	46.363	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	227039	52.446	ng	#	100
59) Diethylphthalate	15.72	149	1019360	46.077	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	440420	43.974	ng		90
61) 4-Nitroaniline	16.00	138	207817	45.469	ng	#	40
62) Azobenzene	16.24	77	1053528	50.803	ng		81
64) 4,6-Dinitro-2-methylphenol	16.06	198	137154	42.018	ng		87
65) n-Nitrosodiphenylamine	16.16	169	783566	42.589	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	265522	44.290	ng	#	83
67) Hexachlorobenzene	16.96	284	296597	44.274	ng	#	79
68) Atrazine	17.10	200	295867	48.890	ng		99
69) Pentachlorophenol	17.30	266	353988	85.395	ng		98
70) Phenanthrene	17.69	178	1392649	45.335	ng		99
71) Anthracene	17.78	178	1425283	47.246	ng		98
72) Carbazole	18.05	167	1337316	47.571	ng		98
73) Di-n-butylphthalate	18.57	149	1755530	46.332	ng	#	97
74) Fluoranthene	19.67	202	1640749	46.461	ng		98
76) Benzidine	19.84	184	1064480	58.783	ng		99
77) Pyrene	20.03	202	1677223	43.563	ng		99
79) Butylbenzylphthalate	20.87	149	875644	47.051	ng	#	82
80) Benzo(a)anthracene	21.74	228	1803582	46.025	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	563552	40.026	ng		99
82) Chrysene	21.80	228	1658353	45.428	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1298325	47.215	ng		95
84) Di-n-octyl phthalate	22.54	149	2226365	49.653	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1841738	54.303	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1777270	45.388	ng	#	96
88) Benzo(k)fluoranthene	23.47	252	1704880	44.820	ng		99
89) Benzo(a)pyrene	24.06	252	1663281	48.254	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	1584985	51.107	ng		97
91) Benzo(g,h,i)perylene	27.40	276	1401236	51.423	ng	#	94

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

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