Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121518\
Data File : BM018213.D
Acq On : 15 Dec 2018 20:44
Operator : JU/SJ
Sample : J6347-07MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SW001-01MS

Manual Integrations APPROVED
Sohil
12/17/2018 4:19:48 PM

Quant Time: Dec 16 01:47:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	118744	20.00	ng		0.00
21) Naphthalene-d8	10.26	136	504577	20.00	ng		0.00
39) Acenaphthene-d10	14.16	164	289876	20.00	ng		0.00
64) Phenanthrene-d10	16.92	188	631137	20.00	ng		0.00
76) Chrysene-d12	21.14	240	601119	20.00	ng		0.00
87) Perylene-d12	23.30	264	582361	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	48362	6.80	ng		0.00
7) Phenol-d6	6.70	99	48221	4.88	ng		0.00
23) Nitrobenzene-d5	8.66	82	93601	9.52	ng		0.00
42) 2,4,6-Tribromophenol	15.67	330	57592	13.54	ng		0.00
45) 2-Fluorobiphenyl	12.76	172	236711	10.58	ng		0.00
79) Terphenyl-d14	19.57	244	380455	14.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	5985	2.125	ng		90
3) Pyridine	3.53	79	6828	0.824	ng	#	85
4) n-Nitrosodimethylamine	3.44	42	5937	2.082	ng	#	70
6) Aniline	6.85	93	17764	1.433	ng		95
8) 2-Chlorophenol	7.07	128	28133	3.350	ng		97
9) Benzaldehyde	6.67	77	15941	2.647	ng		88
10) Phenol	6.73	94	65062	6.218	ng		98
11) bis(2-Chloroethyl)ether	6.95	93	34582	4.159	ng		98
12) 1,3-Dichlorobenzene	7.39	146	28965	3.088	ng		93
13) 1,4-Dichlorobenzene	7.53	146	30779	3.232	ng		97
14) 1,2-Dichlorobenzene	7.84	146	30443	3.316	ng		96
15) Benzyl Alcohol	7.76	79	23357	2.901	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.02	45	30000	4.009	ng		95
17) 2-Methylphenol	7.96	107	20463	2.929	ng		96
18) Hexachloroethane	8.55	117	11509	3.297	ng		89
19) n-Nitroso-di-n-propylamine	8.31	70	30601	4.148	ng		95
20) 3+4-Methylphenols	8.30	107	25613	2.616	ng		96
22) Acetophenone	8.33	105	56855	4.258	ng	#	97
24) Nitrobenzene	8.70	77	42223	4.296	ng		93
25) Isophorone	9.22	82	83628	5.106	ng		96
26) 2-Nitrophenol	9.41	139	14775	3.065	ng	#	89
27) 2,4-Dimethylphenol	9.48	122	29097	4.188	ng		92
28) bis(2-Chloroethoxy)methane	9.71	93	47881	4.485	ng		98
29) 2,4-Dichlorophenol	9.96	162	25322	3.287	ng		96
30) 1,2,4-Trichlorobenzene	10.13	180	31801	3.629	ng		96
31) Naphthalene	10.32	128	108837	4.411	ng		99
32) Benzoic acid	9.59	122	5929m	0.901	ng		
33) 4-Chloroaniline	10.47	127	20430	1.890	ng		95
34) Hexachlorobutadiene	10.59	225	19351	3.492	ng		93
35) Caprolactam	11.26	113	2547	0.868	ng		86
36) 4-Chloro-3-methylphenol	11.60	107	36163	3.907	ng		98
37) 2-Methylnaphthalene	11.94	142	83022	4.771	ng		99
38) 1-Methylnaphthalene	12.16	142	81124	4.778	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	42114	4.225	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	21934	12.607	ng		95
43) 2,4,6-Trichlorophenol	12.58	196	24398	3.806	ng		91
44) 2,4,5-Trichlorophenol	12.66	196	25170	3.698	ng		97
46) 1,1'-Biphenyl	12.98	154	112639	4.319	ng		94
47) 2-Chloronaphthalene	13.02	162	84032	4.378	ng		98
48) 2-Nitroaniline	13.26	65	28450	4.812	ng		90
49) Acenaphthylene	13.87	152	140436	4.855	ng		99
50) Dimethylphthalate	13.63	163	142761	5.924	ng		99
51) 2,6-Dinitrotoluene	13.76	165	24154	4.559	ng	#	83
52) Acenaphthene	14.22	154	85914	4.860	ng		94
53) 3-Nitroaniline	14.10	138	19819	3.555	ng		94
54) 2,4-Dinitrophenol	14.33	184	17345	5.935	ng		97
55) Dibenzofuran	14.56	168	139259	4.903	ng		99
56) 4-Nitrophenol	14.46	139	10159	2.403	ng		92
57) 2,4-Dinitrotoluene	14.56	165	34437	4.703	ng	#	88
58) Fluorene	15.22	166	116209	5.297	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	25119	4.098	ng		98
60) Diethylphthalate	15.00	149	133439	5.131	ng		97
61) 4-Chlorophenyl-phenylether	15.22	204	59890	4.827	ng		96
62) 4-Nitroaniline	15.27	138	24497m	4.631	ng		
63) Azobenzene	15.51	77	120406	5.077	ng		97
65) 4,6-Dinitro-2-methylphenol	15.34	198	13464	2.898	ng		98
66) n-Nitrosodiphenylamine	15.44	169	103066	4.938	ng		98
67) 4-Bromophenyl-phenylether	16.12	248	36543	4.781	ng		98
68) Hexachlorobenzene	16.22	284	44073	5.263	ng		94
69) Atrazine	16.40	200	43601	6.188	ng		96
70) Pentachlorophenol	16.58	266	36216	6.549	ng		96
71) Phenanthrene	16.96	178	193623	5.648	ng		99
72) Anthracene	17.06	178	194757	5.726	ng		99
73) Carbazole	17.34	167	179114	5.131	ng		100
74) Di-n-butylphthalate	17.90	149	247814	5.754	ng		99
75) Fluoranthene	18.99	202	234646	5.887	ng		99
77) Benzidine	19.23	184	10198m	0.669	ng		
78) Pyrene	19.36	202	238487	6.658	ng		100
80) Butylbenzylphthalate	20.28	149	102553	6.019	ng		99
81) Benzo(a)anthracene	21.12	228	224513	6.394	ng		100
82) 3,3'-Dichlorobenzidine	21.07	252	64147	4.573	ng		100
83) Chrysene	21.17	228	212028	6.278	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	235950	9.291	ng		99
85) Di-n-octyl phthalate	21.93	149	242845	5.839	ng		100
86) Indeno(1,2,3-cd)pyrene	25.43	276	225494	6.702	ng		100
88) Benzo(b)fluoranthene	22.66	252	211065	6.452	ng		98
89) Benzo(k)fluoranthene	22.70	252	209095	6.418	ng		97
90) Benzo(a)pyrene	23.20	252	198402	6.377	ng		98
91) Dibenzo(a,h)anthracene	25.44	278	195166	6.772	ng		98
92) Benzo(g,h,i)perylene	26.09	276	188777	6.929	ng		95

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

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