Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018251.D
Acq On : 17 Dec 2018 16:26
Operator : JU/SJ
Sample : J6378-13MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Manual Integrations APPROVED
Sohil
12/18/2018 6:15:00 PM

Quant Time: Dec 18 01:33:24 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	7.49	152	155391	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	565006	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	251054	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	473402	20.00	ng	0.00
76) Chrysene-d12	21.14	240	521095	20.00	ng	0.00
87) Perylene-d12	23.30	264	598856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1325995	142.55	ng	0.00
7) Phenol-d6	6.70	99	1714421	132.60	ng	0.00
23) Nitrobenzene-d5	8.66	82	1048267	95.17	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	409443	111.12	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1743735	89.96	ng	0.00
79) Terphenyl-d14	19.57	244	1794997	77.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	131396	35.658	ng	98
3) Pyridine	3.51	79	397340	36.653	ng	98
4) n-Nitrosodimethylamine	3.43	42	176082	47.191	ng	98
6) Aniline	6.85	93	464435	28.635	ng	99
8) 2-Chlorophenol	7.07	128	481007	43.765	ng	96
9) Benzaldehyde	6.66	77	155928	19.786	ng	93
10) Phenol	6.73	94	708419	51.737	ng	99
11) bis(2-Chloroethyl)ether	6.95	93	450789	41.424	ng	98
12) 1,3-Dichlorobenzene	7.38	146	531100	43.274	ng	97
13) 1,4-Dichlorobenzene	7.53	146	824647	66.169	ng	99
14) 1,2-Dichlorobenzene	7.84	146	500252	41.639	ng	99
15) Benzyl Alcohol	7.75	79	427761	40.603	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	382905	39.099	ng	95
17) 2-Methylphenol	7.95	107	390949	42.760	ng	97
18) Hexachloroethane	8.55	117	197548	43.246	ng	96
19) n-Nitroso-di-n-propylamine	8.31	70	367058	38.022	ng	97
20) 3+4-Methylphenols	8.28	107	515918	40.271	ng	98
22) Acetophenone	8.32	105	719452	48.118	ng	100
24) Nitrobenzene	8.70	77	531449	48.286	ng	100
25) Isophorone	9.22	82	899789	49.065	ng	98
26) 2-Nitrophenol	9.40	139	247182	45.789	ng	99
27) 2,4-Dimethylphenol	9.47	122	413129	53.101	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	563851	47.168	ng	97
29) 2,4-Dichlorophenol	9.93	162	395709	45.874	ng	98
30) 1,2,4-Trichlorobenzene	10.13	180	444117	45.263	ng	94
31) Naphthalene	10.31	128	1625840	58.849	ng	99
32) Benzoic acid	9.65	122	251548m	34.145	ng	
33) 4-Chloroaniline	10.45	127	236123	19.511	ng	98
34) Hexachlorobutadiene	10.58	225	273098	44.009	ng	99
35) Caprolactam	11.26	113	113328m	34.478	ng	
36) 4-Chloro-3-methylphenol	11.59	107	408429	39.405	ng	100
37) 2-Methylnaphthalene	11.93	142	987551	50.687	ng	99
38) 1-Methylnaphthalene	12.16	142	895745	47.116	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	448502	51.951	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	378653	98.120	ng		99
43) 2,4,6-Trichlorophenol	12.57	196	286044	51.515	ng		96
44) 2,4,5-Trichlorophenol	12.65	196	291082	49.379	ng		98
46) 1,1'-Biphenyl	12.97	154	1097704	48.602	ng		98
47) 2-Chloronaphthalene	13.02	162	827691	49.790	ng		99
48) 2-Nitroaniline	13.24	65	238022	46.481	ng		97
49) Acenaphthylene	13.87	152	1252671	50.004	ng		99
50) Dimethylphthalate	13.63	163	1076783	51.590	ng		99
51) 2,6-Dinitrotoluene	13.76	165	207114	45.140	ng		98
52) Acenaphthene	14.22	154	722966	47.223	ng		98
53) 3-Nitroaniline	14.09	138	139351	28.860	ng		98
54) 2,4-Dinitrophenol	14.31	184	204052	80.620	ng		91
55) Dibenzofuran	14.56	168	1123236	45.660	ng		99
56) 4-Nitrophenol	14.42	139	302470	82.622	ng		94
57) 2,4-Dinitrotoluene	14.56	165	280340	44.203	ng		94
58) Fluorene	15.22	166	886243	46.645	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	236399	44.529	ng	#	98
60) Diethylphthalate	15.00	149	914619	40.606	ng		98
61) 4-Chlorophenyl-phenylether	15.22	204	446919	41.592	ng		98
62) 4-Nitroaniline	15.27	138	166497	36.340	ng		92
63) Azobenzene	15.51	77	887430	43.209	ng		99
65) 4,6-Dinitro-2-methylphenol	15.33	198	134216	38.512	ng		94
66) n-Nitrosodiphenylamine	15.44	169	756604	48.331	ng		99
67) 4-Bromophenyl-phenylether	16.12	248	264548	46.142	ng		96
68) Hexachlorobenzene	16.22	284	280880	44.719	ng		95
69) Atrazine	16.41	200	301384	57.027	ng		100
70) Pentachlorophenol	16.57	266	331626	79.944	ng		98
71) Phenanthrene	16.96	178	1279405	49.755	ng		100
72) Anthracene	17.05	178	1246482	48.862	ng		99
73) Carbazole	17.33	167	1117944	42.696	ng		99
74) Di-n-butylphthalate	17.90	149	1401304	43.374	ng		99
75) Fluoranthene	18.99	202	1367148	45.730	ng		99
77) Benzidine	19.20	184	528259	39.977	ng		99
78) Pyrene	19.36	202	1407198	45.321	ng		99
80) Butylbenzylphthalate	20.29	149	655340	44.366	ng		100
81) Benzo(a)anthracene	21.13	228	1475042	48.458	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	405632	33.355	ng		96
83) Chrysene	21.18	228	1392792	47.570	ng		100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1066567	48.449	ng		99
85) Di-n-octyl phthalate	21.93	149	1787905	49.590	ng		99
86) Indeno(1,2,3-cd)pyrene	25.45	276	1986432	68.110	ng		99
88) Benzo(b)fluoranthene	22.67	252	1661000	49.377	ng		99
89) Benzo(k)fluoranthene	22.71	252	1517616	45.300	ng		97
90) Benzo(a)pyrene	23.21	252	1576367	49.271	ng		99
91) Dibenzo(a,h)anthracene	25.46	278	1700925	57.392	ng		99
92) Benzo(g,h,i)perylene	26.10	276	1650199	58.904	ng		100

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

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