Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018237.D
Acq On : 16 Dec 2018 21:35
Operator : JU/SJ
Sample : J6379-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS003-1824-01MSD

Manual Integrations APPROVED
Sohil
12/17/2018 4:20:59 PM

Quant Time: Dec 17 04:48:40 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	135956	20.00	ng	0.00
21) Naphthalene-d8	10.26	136	531802	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	268695	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	487990	20.00	ng	0.00
76) Chrysene-d12	21.14	240	371155	20.00	ng	0.00
87) Perylene-d12	23.30	264	397981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1206751	148.27	ng	0.00
7) Phenol-d6	6.70	99	1604324	141.82	ng	0.00
23) Nitrobenzene-d5	8.66	82	956197	92.23	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	471426	119.54	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1809409	87.22	ng	0.00
79) Terphenyl-d14	19.57	244	1572332	95.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	109042	33.822	ng	99
3) Pyridine	3.51	79	341175	35.971	ng	98
4) n-Nitrosodimethylamine	3.43	42	148203	45.397	ng	96
6) Aniline	6.85	93	229467	16.170	ng	99
8) 2-Chlorophenol	7.07	128	417311	43.398	ng	98
9) Benzaldehyde	6.66	77	144564	20.966	ng	94
10) Phenol	6.73	94	620121	51.762	ng	98
11) bis(2-Chloroethyl)ether	6.95	93	378702	39.774	ng	98
12) 1,3-Dichlorobenzene	7.39	146	421143	39.220	ng	99
13) 1,4-Dichlorobenzene	7.53	146	434377	39.836	ng	98
14) 1,2-Dichlorobenzene	7.84	146	419477	39.906	ng	98
15) Benzyl Alcohol	7.75	79	362767	39.356	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	327390	38.209	ng	97
17) 2-Methylphenol	7.95	107	341684	42.714	ng	98
18) Hexachloroethane	8.55	117	157592	39.431	ng	95
19) n-Nitroso-di-n-propylamine	8.31	70	310522	36.764	ng	99
20) 3+4-Methylphenols	8.28	107	448103	39.977	ng	98
22) Acetophenone	8.32	105	602899	42.840	ng	99
24) Nitrobenzene	8.70	77	448872	43.330	ng	99
25) Isophorone	9.22	82	781726	45.288	ng	99
26) 2-Nitrophenol	9.40	139	218249	42.954	ng	99
27) 2,4-Dimethylphenol	9.47	122	350691	47.890	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	496645	44.140	ng	99
29) 2,4-Dichlorophenol	9.93	162	360697	44.426	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	390791	42.315	ng	96
31) Naphthalene	10.32	128	1187770	45.677	ng	99
32) Benzoic acid	9.62	122	134627m	19.415	ng	
33) 4-Chloroaniline	10.46	127	92340	8.107	ng	99
34) Hexachlorobutadiene	10.58	225	238332	40.804	ng	99
35) Caprolactam	11.26	113	102015m	32.974	ng	
36) 4-Chloro-3-methylphenol	11.59	107	375244	38.463	ng	97
37) 2-Methylnaphthalene	11.94	142	851852	46.452	ng	99
38) 1-Methylnaphthalene	12.16	142	794943	44.424	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	414442	44.854	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	394307	95.687 ng	99
43) 2,4,6-Trichlorophenol	12.57	196	272607	45.872 ng	95
44) 2,4,5-Trichlorophenol	12.65	196	283824	44.987 ng	97
46) 1,1'-Biphenyl	12.97	154	1014793	41.981 ng	99
47) 2-Chloronaphthalene	13.02	162	803105	45.139 ng	99
48) 2-Nitroaniline	13.25	65	224560	40.973 ng	99
49) Acenaphthylene	13.87	152	1256377	46.860 ng	98
50) Dimethylphthalate	13.63	163	1068975	47.854 ng	100
51) 2,6-Dinitrotoluene	13.76	165	201706	41.075 ng	97
52) Acenaphthene	14.22	154	720870	43.995 ng	98
53) 3-Nitroaniline	14.09	138	112547	21.779 ng	99
54) 2,4-Dinitrophenol	14.32	184	213660	78.873 ng	94
55) Dibenzofuran	14.56	168	1135193	43.117 ng	99
56) 4-Nitrophenol	14.42	139	297798	76.005 ng	96
57) 2,4-Dinitrotoluene	14.56	165	278293	40.999 ng	93
58) Fluorene	15.22	166	896079	44.066 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	241343	42.476 ng	98
60) Diethylphthalate	15.01	149	921796	38.238 ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	464351	40.377 ng	99
62) 4-Nitroaniline	15.27	138	165382	33.727 ng	94
63) Azobenzene	15.51	77	832855	37.889 ng	98
65) 4,6-Dinitro-2-methylphenol	15.33	198	145526	40.509 ng	98
66) n-Nitrosodiphenylamine	15.44	169	754248	46.741 ng	100
67) 4-Bromophenyl-phenylether	16.12	248	258767	43.785 ng	97
68) Hexachlorobenzene	16.22	284	283551	43.794 ng	99
69) Atrazine	16.41	200	241381	44.308 ng	97
70) Pentachlorophenol	16.57	266	325004	76.006 ng	99
71) Phenanthrene	16.96	178	1181248	44.564 ng	99
72) Anthracene	17.05	178	1200449	45.651 ng	99
73) Carbazole	17.33	167	1067508	39.551 ng	99
74) Di-n-butylphthalate	17.90	149	1270782	38.159 ng	99
75) Fluoranthene	18.99	202	1136608	36.882 ng	99
77) Benzidine	19.20	184	339845	36.108 ng	99
78) Pyrene	19.36	202	1132824	51.224 ng	99
80) Butylbenzylphthalate	20.28	149	451450	42.910 ng	98
81) Benzo(a)anthracene	21.12	228	987682	45.555 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	223889	25.848 ng	97
83) Chrysene	21.17	228	909316	43.604 ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	649018	41.391 ng	100
85) Di-n-octyl phthalate	21.93	149	1069934	41.665 ng	98
86) Indeno(1,2,3-cd)pyrene	25.43	276	1290022	62.100 ng	100
88) Benzo(b)fluoranthene	22.66	252	1001272	44.789 ng	99
89) Benzo(k)fluoranthene	22.70	252	976495	43.860 ng	99
90) Benzo(a)pyrene	23.20	252	979502	46.068 ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1101152	55.908 ng	99
92) Benzo(g,h,i)perylene	26.09	276	1088451	58.463 ng	99

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

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