Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018233.D
Acq On : 16 Dec 2018 19:07
Operator : JU/SJ
Sample : J6377-18MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD006-0612-01MSD

Manual Integrations APPROVED
Sohil
12/17/2018 4:20:57 PM

Quant Time: Dec 17 04:39:49 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	137502	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	522422	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	256914	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	466508	20.00	ng	0.00
76) Chrysene-d12	21.14	240	386748	20.00	ng	0.00
87) Perylene-d12	23.30	264	430844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	912714	110.88	ng	0.00
7) Phenol-d6	6.70	99	1220276	106.66	ng	0.00
23) Nitrobenzene-d5	8.66	82	664267	65.22	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	315010	83.54	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1321804	66.64	ng	0.00
79) Terphenyl-d14	19.57	244	1061377	62.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	106435	32.642	ng	99
3) Pyridine	3.51	79	314332	32.769	ng	99
4) n-Nitrosodimethylamine	3.43	42	125528	38.019	ng	96
6) Aniline	6.85	93	298450	20.795	ng	97
8) 2-Chlorophenol	7.07	128	364402	37.469	ng	97
9) Benzaldehyde	6.66	77	113507	16.277	ng	90
10) Phenol	6.73	94	544279	44.921	ng	98
11) bis(2-Chloroethyl)ether	6.95	93	324645	33.713	ng	96
12) 1,3-Dichlorobenzene	7.38	146	377513	34.762	ng	98
13) 1,4-Dichlorobenzene	7.53	146	398461	36.132	ng	98
14) 1,2-Dichlorobenzene	7.84	146	369569	34.763	ng	98
15) Benzyl Alcohol	7.75	79	298965	32.070	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	285815	32.982	ng	97
17) 2-Methylphenol	7.95	107	289720	35.811	ng	99
18) Hexachloroethane	8.55	117	137749	34.079	ng	93
19) n-Nitroso-di-n-propylamine	8.31	70	251196	29.406	ng	95
20) 3+4-Methylphenols	8.28	107	377165	33.270	ng	95
22) Acetophenone	8.32	105	514326	37.202	ng	98
24) Nitrobenzene	8.70	77	366361	36.000	ng	97
25) Isophorone	9.22	82	640266	37.759	ng	99
26) 2-Nitrophenol	9.40	139	188858	37.837	ng	98
27) 2,4-Dimethylphenol	9.47	122	307729	42.778	ng	95
28) bis(2-Chloroethoxy)methane	9.70	93	406219	36.752	ng	100
29) 2,4-Dichlorophenol	9.93	162	300237	37.643	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	334917	36.916	ng	93
31) Naphthalene	10.31	128	1029000	40.282	ng	99
32) Benzoic acid	9.65	122	211237m	31.011	ng	
33) 4-Chloroaniline	10.46	127	101253	9.049	ng	96
34) Hexachlorobutadiene	10.58	225	212376	37.013	ng	96
35) Caprolactam	11.25	113	81362m	26.771	ng	
36) 4-Chloro-3-methylphenol	11.59	107	322227	33.622	ng	99
37) 2-Methylnaphthalene	11.93	142	731491	40.605	ng	97
38) 1-Methylnaphthalene	12.16	142	671785	38.216	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	354761	40.156	ng	99

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QLast Update : Sat Dec 15 21:39:37 2018
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	340778	87.266 ng	98
43) 2,4,6-Trichlorophenol	12.57	196	223613	39.353 ng	96
44) 2,4,5-Trichlorophenol	12.65	196	234216	38.826 ng	98
46) 1,1'-Biphenyl	12.97	154	855160	36.999 ng	98
47) 2-Chloronaphthalene	13.02	162	688339	40.463 ng	99
48) 2-Nitroaniline	13.25	65	188027	35.880 ng	99
49) Acenaphthylene	13.87	152	1054689	41.141 ng	98
50) Dimethylphthalate	13.63	163	880108	41.205 ng	99
51) 2,6-Dinitrotoluene	13.76	165	167620	35.699 ng	97
52) Acenaphthene	14.22	154	612967	39.125 ng	99
53) 3-Nitroaniline	14.09	138	95323	19.291 ng	99
54) 2,4-Dinitrophenol	14.31	184	190869	73.691 ng	97
55) Dibenzofuran	14.56	168	938846	37.294 ng	98
56) 4-Nitrophenol	14.42	139	229442	61.244 ng	98
57) 2,4-Dinitrotoluene	14.56	165	218013	33.591 ng	97
58) Fluorene	15.22	166	745423	38.339 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	193157	35.554 ng	98
60) Diethylphthalate	15.00	149	713497	30.954 ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	379096	34.475 ng	100
62) 4-Nitroaniline	15.27	138	132498	28.260 ng	98
63) Azobenzene	15.51	77	663483	31.568 ng	97
65) 4,6-Dinitro-2-methylphenol	15.33	198	116482	33.917 ng	100
66) n-Nitrosodiphenylamine	15.44	169	600788	38.945 ng	99
67) 4-Bromophenyl-phenylether	16.11	248	214328	37.935 ng	97
68) Hexachlorobenzene	16.22	284	239572	38.706 ng	98
69) Atrazine	16.40	200	183392	35.214 ng	99
70) Pentachlorophenol	16.57	266	257701	63.042 ng	98
71) Phenanthrene	16.96	178	1013354	39.991 ng	99
72) Anthracene	17.05	178	1023146	40.700 ng	99
73) Carbazole	17.33	167	852584	33.043 ng	99
74) Di-n-butylphthalate	17.90	149	1076626	33.817 ng	99
75) Fluoranthene	18.99	202	1007128	34.185 ng	99
77) Benzidine	19.20	184	474103	48.342 ng	98
78) Pyrene	19.36	202	967515	41.985 ng	99
80) Butylbenzylphthalate	20.28	149	392382	35.792 ng	98
81) Benzo(a)anthracene	21.12	228	884613	39.156 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	248469	27.529 ng	97
83) Chrysene	21.17	228	835417	38.445 ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	570147	34.895 ng	99
85) Di-n-octyl phthalate	21.93	149	1015937	37.967 ng	98
86) Indeno(1,2,3-cd)pyrene	25.44	276	1246389	57.581 ng	100
88) Benzo(b)fluoranthene	22.66	252	954754	39.450 ng	99
89) Benzo(k)fluoranthene	22.70	252	923052	38.297 ng	99
90) Benzo(a)pyrene	23.21	252	951679	41.345 ng	99
91) Dibenzo(a,h)anthracene	25.44	278	1058216	49.630 ng	99
92) Benzo(g,h,i)perylene	26.09	276	1066098	52.894 ng	100

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

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