Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
Data File : BM017618.D
Acq On : 12 Nov 2018 18:20
Operator : MJ/SJ
Sample : PB114669BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114669BS

Manual Integrations APPROVED
Sohil
11/13/2018 2:25:32 PM

Quant Time: Nov 13 03:33:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	215209	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	888271	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	506916	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1136894	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1156988	20.00	ng	0.00
87) Perylene-d12	23.41	264	992974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1868332	146.51	ng	0.00
7) Phenol-d6	6.81	99	2451488	137.65	ng	0.00
23) Nitrobenzene-d5	8.77	82	1190259	69.18	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1020763	140.14	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2720538	69.63	ng	0.00
79) Terphenyl-d14	19.66	244	4213957	82.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	241711	45.512	ng	98
3) Pyridine	3.61	79	587397	37.706	ng	99
4) n-Nitrosodimethylamine	3.53	42	311326	45.367	ng	98
6) Aniline	6.96	93	810802	36.711	ng	100
8) 2-Chlorophenol	7.19	128	678823	44.480	ng	100
9) Benzaldehyde	6.77	77	397948	30.673	ng	98
10) Phenol	6.83	94	841750	45.028	ng	98
11) bis(2-Chloroethyl)ether	7.06	93	589286	39.931	ng	100
12) 1,3-Dichlorobenzene	7.50	146	690420	40.323	ng	98
13) 1,4-Dichlorobenzene	7.65	146	712185	40.580	ng	99
14) 1,2-Dichlorobenzene	7.96	146	681025	40.019	ng	99
15) Benzyl Alcohol	7.86	79	604301	42.606	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	894825	39.825	ng	99
17) 2-Methylphenol	8.06	107	564337	44.812	ng	98
18) Hexachloroethane	8.67	117	257538	41.636	ng	97
19) n-Nitroso-di-n-propylamine	8.43	70	509572	39.847	ng	100
20) 3+4-Methylphenols	8.39	107	764598	43.698	ng	99
22) Acetophenone	8.44	105	970995	43.798	ng	98
24) Nitrobenzene	8.82	77	754011	43.192	ng	99
25) Isophorone	9.33	82	1317615	49.580	ng	99
26) 2-Nitrophenol	9.52	139	357491	44.458	ng	97
27) 2,4-Dimethylphenol	9.58	122	617154	53.255	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	830362	46.134	ng	98
29) 2,4-Dichlorophenol	10.05	162	645855	48.010	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	675750	43.189	ng	99
31) Naphthalene	10.44	128	2038806	46.683	ng	99
32) Benzoic acid	9.75	122	418836m	39.898	ng	
33) 4-Chloroaniline	10.56	127	475687	24.871	ng	99
34) Hexachlorobutadiene	10.72	225	399222	41.100	ng	98
35) Caprolactam	11.36	113	196758m	39.716	ng	
36) 4-Chloro-3-methylphenol	11.69	107	701655	45.176	ng	99
37) 2-Methylnaphthalene	12.06	142	1503440	48.707	ng	99
38) 1-Methylnaphthalene	12.28	142	1442541	47.663	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	769193	43.031	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1062850	115.068 ng	99
43) 2,4,6-Trichlorophenol	12.68	196	527515	47.114 ng	97
44) 2,4,5-Trichlorophenol	12.75	196	564795	47.775 ng	98
46) 1,1'-Biphenyl	13.09	154	1916905	42.128 ng	99
47) 2-Chloronaphthalene	13.13	162	1499803	44.408 ng	98
48) 2-Nitroaniline	13.35	65	469240	44.927 ng	98
49) Acenaphthylene	13.98	152	2438343	48.053 ng	100
50) Dimethylphthalate	13.73	163	1847711	44.832 ng	99
51) 2,6-Dinitrotoluene	13.85	165	415599	45.285 ng	95
52) Acenaphthene	14.33	154	1405733	45.141 ng	99
53) 3-Nitroaniline	14.19	138	307393	30.765 ng	95
54) 2,4-Dinitrophenol	14.40	184	509680	89.990 ng	98
55) Dibenzofuran	14.66	168	2281283	44.827 ng	100
56) 4-Nitrophenol	14.50	139	708813	84.123 ng	97
57) 2,4-Dinitrotoluene	14.65	165	577170	46.655 ng	100
58) Fluorene	15.32	166	1850602	47.500 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	526518	48.422 ng	99
60) Diethylphthalate	15.10	149	1897322	42.607 ng	98
61) 4-Chlorophenyl-phenylether	15.32	204	946047	42.740 ng	99
62) 4-Nitroaniline	15.36	138	406277	43.144 ng	99
63) Azobenzene	15.61	77	1832399	44.512 ng	100
65) 4,6-Dinitro-2-methylphenol	15.41	198	334472	42.468 ng	96
66) n-Nitrosodiphenylamine	15.54	169	1628987	44.566 ng	99
67) 4-Bromophenyl-phenylether	16.21	248	586787	43.640 ng	96
68) Hexachlorobenzene	16.32	284	649869	42.873 ng	99
69) Atrazine	16.50	200	584451	43.473 ng	98
70) Pentachlorophenol	16.67	266	815260	76.761 ng	98
71) Phenanthrene	17.06	178	2889126	46.833 ng	99
72) Anthracene	17.15	178	2939051	48.960 ng	100
73) Carbazole	17.43	167	2628097	43.325 ng	100
74) Di-n-butylphthalate	17.99	149	3143754	46.556 ng	100
75) Fluoranthene	19.08	202	3280596	47.000 ng	99
77) Benzidine	19.28	184	2005975	53.243 ng	100
78) Pyrene	19.44	202	3387515	47.452 ng	100
80) Butylbenzylphthalate	20.36	149	1384185	47.739 ng	98
81) Benzo(a)anthracene	21.20	228	3187319	47.817 ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	786376	30.568 ng	100
83) Chrysene	21.25	228	2976127	45.970 ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1954930	45.608 ng	100
85) Di-n-octyl phthalate	22.01	149	3234782	47.130 ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2673529	51.678 ng	100
88) Benzo(b)fluoranthene	22.76	252	2849349	48.998 ng	99
89) Benzo(k)fluoranthene	22.80	252	2803312	47.695 ng	99
90) Benzo(a)pyrene	23.32	252	2645539	49.895 ng	99
91) Dibenzo(a,h)anthracene	25.61	278	2261053	50.723 ng	98
92) Benzo(g,h,i)perylene	26.26	276	2163202	51.605 ng	99

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

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