Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042221\
Data File : BM029602.D
Acq On : 22 Apr 2021 20:07
Operator : CG/JU
Sample : M2106-21MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-28-9.5-10.0MSD

Quant Time: Apr 23 02:25:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	72392	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	257600	20.00	ng	0.00
39) Acenaphthene-d10	14.280	164	161950	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	321078	20.00	ng	0.00
76) Chrysene-d12	21.204	240	338610	20.00	ng	0.00
86) Perylene-d12	23.392	264	378381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	368630	102.09	ng	0.00
7) Phenol-d6	6.816	99	478302	88.68	ng	0.00
23) Nitrobenzene-d5	8.787	82	330288	66.04	ng	0.00
42) 2,4,6-Tribromophenol	15.769	330	184765	82.50	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	807744	67.70	ng	0.00
79) Terphenyl-d14	19.651	244	980147	54.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	57630	39.59	ng	99
3) Pyridine	3.563	79	154505	41.64	ng	99
4) n-Nitrosodimethylamine	3.475	42	80762	44.36	ng	98
6) Aniline	6.969	93	124564	21.01	ng	99
8) 2-Chlorophenol	7.199	128	183407	40.85	ng	98
9) Benzaldehyde	6.781	77	111047	36.21	ng	99
10) Phenol	6.840	94	225838	43.21	ng	99
11) bis(2-Chloroethyl)ether	7.069	93	160533	40.26	ng	99
12) 1,3-Dichlorobenzene	7.522	146	218777	42.29	ng	99
13) 1,4-Dichlorobenzene	7.669	146	222153	41.93	ng	98
14) 1,2-Dichlorobenzene	7.981	146	212850	40.30	ng	99
15) Benzyl Alcohol	7.875	79	152186	38.84	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.163	45	200872	38.22	ng	98
17) 2-Methylphenol	8.081	107	140719	38.64	ng	97
18) Hexachloroethane	8.698	117	79368	41.49	ng	98
19) n-Nitroso-di-n-propyla...	8.440	70	131925	33.54	ng	97
20) 3+4-Methylphenols	8.404	107	188104	37.55	ng	98
22) Acetophenone	8.451	105	256759	41.57	ng	99
24) Nitrobenzene	8.828	77	202799	40.09	ng	99
25) Isophorone	9.357	82	346667	36.88	ng	99
26) 2-Nitrophenol	9.534	139	91523	38.32	ng	97
27) 2,4-Dimethylphenol	9.598	122	155854	46.16	ng	97
28) bis(2-Chloroethoxy)met...	9.840	93	204510	44.04	ng	100
29) 2,4-Dichlorophenol	10.063	162	183891	41.29	ng	99
30) 1,2,4-Trichlorobenzene	10.275	180	215635	42.04	ng	99
31) Naphthalene	10.463	128	534492	40.36	ng	99
32) Benzoic acid	9.740	122	92913	33.92	ng	97
33) 4-Chloroaniline	10.581	127	38992	7.47	ng	99
34) Hexachlorobutadiene	10.745	225	137845	42.21	ng	95
35) Caprolactam	11.363	113	43152	32.00	ng	96
36) 4-Chloro-3-methylphenol	11.710	107	160149	36.80	ng	99
37) 2-Methylnaphthalene	12.081	142	400666	37.79	ng	100
38) 1-Methylnaphthalene	12.304	142	367793	36.38	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	234628	48.32	ng	99
41) Hexachlorocyclopentadiene	12.434	237	296609	109.44	ng	99
43) 2,4,6-Trichlorophenol	12.698	196	148764	44.56	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.769	196	160737	43.61	ng	97
46) 1,1'-Biphenyl	13.104	154	524697	44.32	ng	99
47) 2-Chloronaphthalene	13.145	162	413757	43.68	ng	100
48) 2-Nitroaniline	13.357	65	100993	38.74	ng	99
49) Acenaphthylene	13.998	152	659166	45.38	ng	99
50) Dimethylphthalate	13.745	163	516838	42.23	ng	100
51) 2,6-Dinitrotoluene	13.857	165	105893	39.30	ng	98
52) Acenaphthene	14.345	154	387482	42.58	ng	99
53) 3-Nitroaniline	14.192	138	28756	13.76	ng	96
54) 2,4-Dinitrophenol	14.398	184	116504	68.50	ng	92
55) Dibenzofuran	14.680	168	611408	39.79	ng	97
56) 4-Nitrophenol	14.504	139	162081	81.32	ng	99
57) 2,4-Dinitrotoluene	14.651	165	143927	39.55	ng	96
58) Fluorene	15.327	166	508808	39.44	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.910	232	132025	40.26	ng	98
60) Diethylphthalate	15.110	149	471917	39.28	ng	99
61) 4-Chlorophenyl-phenyle...	15.327	204	261446	40.05	ng	98
62) 4-Nitroaniline	15.357	138	82755	32.05	ng	96
63) Azobenzene	15.622	77	442598	38.80	ng	98
65) 4,6-Dinitro-2-methylph...	15.410	198	71955	33.71	ng	99
66) n-Nitrosodiphenylamine	15.545	169	427069	43.03	ng	98
67) 4-Bromophenyl-phenylether	16.221	248	146180	43.60	ng	98
68) Hexachlorobenzene	16.327	284	163921	43.00	ng	98
69) Atrazine	16.498	200	157508	44.48	ng	98
70) Pentachlorophenol	16.674	266	207534	83.62	ng	95
71) Phenanthrene	17.063	178	749197	40.52	ng	100
72) Anthracene	17.157	178	778707	42.69	ng	99
73) Carbazole	17.427	167	664167	38.87	ng	99
74) Di-n-butylphthalate	17.998	149	768765	41.44	ng	100
75) Fluoranthene	19.080	202	861149	38.41	ng	99
77) Benzidine	19.274	184	391513	54.61	ng	99
78) Pyrene	19.445	202	891887	40.94	ng	99
80) Butylbenzylphthalate	20.351	149	338550	41.51	ng	98
81) Benzo(a)anthracene	21.186	228	899212	40.14	ng	100
82) 3,3'-Dichlorobenzidine	21.127	252	238815	33.37	ng	99
83) Chrysene	21.239	228	870128	39.53	ng	100
84) Bis(2-ethylhexyl)phtha...	21.127	149	534842	40.92	ng	96
85) Di-n-octyl phthalate	21.992	149	903991	41.22	ng	99
87) Indeno(1,2,3-cd)pyrene	25.591	276	1299484	44.42	ng	100
88) Benzo(b)fluoranthene	22.739	252	949738	38.49	ng	100
89) Benzo(k)fluoranthene	22.780	252	944447	38.19	ng	99
90) Benzo(a)pyrene	23.297	252	883308	38.13	ng	99
91) Dibenzo(a,h)anthracene	25.603	278	1079020	42.78	ng	99
92) Benzo(g,h,i)perylene	26.262	276	1052504	45.12	ng	99

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

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