Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029335.D
Acq On : 03 Apr 2021 01:40
Operator : CG/JU
Sample : M1883-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IEC-R2MSD

Quant Time: Apr 03 02:31:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.698	152	99805	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	381268	20.00	ng		0.00
39) Acenaphthene-d10	14.333	164	199641	20.00	ng		0.00
64) Phenanthrene-d10	17.068	188	368317	20.00	ng		0.00
76) Chrysene-d12	21.245	240	326961	20.00	ng		0.00
86) Perylene-d12	23.450	264	380209	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	882919	146.06	ng		0.00
7) Phenol-d6	6.875	99	1065738	124.89	ng		0.00
23) Nitrobenzene-d5	8.851	82	814682	97.96	ng		0.00
42) 2,4,6-Tribromophenol	15.821	330	279996	140.32	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	1455561	101.57	ng		-0.01
79) Terphenyl-d14	19.698	244	1536280	89.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	123530	47.02	ng	#	31
3) Pyridine	3.646	79	312390	47.05	ng		100
4) n-Nitrosodimethylamine	3.546	42	179047	56.53	ng		99
6) Aniline	7.034	93	108813	11.68	ng		97
8) 2-Chlorophenol	7.269	128	337718	50.48	ng		98
9) Benzaldehyde	6.846	77	176110	32.79	ng		96
10) Phenol	6.904	94	398712	47.50	ng		97
11) bis(2-Chloroethyl)ether	7.128	93	324997	51.14	ng		98
12) 1,3-Dichlorobenzene	7.587	146	353020	48.48	ng		98
13) 1,4-Dichlorobenzene	7.734	146	361699	48.83	ng		99
14) 1,2-Dichlorobenzene	8.046	146	346620	48.65	ng		99
15) Benzyl Alcohol	7.940	79	326821	51.94	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.228	45	464596	48.78	ng		99
17) 2-Methylphenol	8.140	107	275897	50.46	ng		98
18) Hexachloroethane	8.769	117	139198	48.05	ng		97
19) n-Nitroso-di-n-propyla...	8.504	70	273916	47.48	ng		98
20) 3+4-Methylphenols	8.469	107	369304	49.82	ng		98
22) Acetophenone	8.516	105	503958	51.11	ng	#	99
24) Nitrobenzene	8.893	77	418865	49.08	ng		99
25) Isophorone	9.416	82	696162	46.79	ng		98
26) 2-Nitrophenol	9.598	139	166071	48.71	ng		94
27) 2,4-Dimethylphenol	9.663	122	295690	55.24	ng		97
28) bis(2-Chloroethoxy)met...	9.898	93	402162	52.31	ng		100
29) 2,4-Dichlorophenol	10.128	162	287155	48.44	ng		98
30) 1,2,4-Trichlorobenzene	10.345	180	302736	47.26	ng		99
31) Naphthalene	10.528	128	1119992	55.74	ng		99
32) Benzoic acid	9.745	122	35772	8.84	ng		96
33) 4-Chloroaniline	10.645	127	50414	6.23	ng		99
34) Hexachlorobutadiene	10.816	225	170934	45.32	ng		97
35) Caprolactam	11.422	113	72770	39.05	ng		94
36) 4-Chloro-3-methylphenol	11.769	107	300055	47.00	ng		96
37) 2-Methylnaphthalene	12.145	142	753244	53.19	ng		99
38) 1-Methylnaphthalene	12.369	142	681686	50.88	ng		100
40) 1,2,4,5-Tetrachloroben...	12.516	216	301382	53.83	ng		98
41) Hexachlorocyclopentadiene	12.498	237	325017	100.06	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	203475	51.20	ng		99

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	215514	50.29	ng		97
46) 1,1'-Biphenyl	13.163	154	830967	53.77	ng		98
47) 2-Chloronaphthalene	13.204	162	635070	53.12	ng		99
48) 2-Nitroaniline	13.410	65	216269	54.23	ng		99
49) Acenaphthylene	14.051	152	1050726	56.34	ng		99
50) Dimethylphthalate	13.798	163	721347	50.04	ng		100
51) 2,6-Dinitrotoluene	13.910	165	161511	50.33	ng		92
52) Acenaphthene	14.398	154	617010	53.51	ng		99
53) 3-Nitroaniline	14.239	138	73058	22.31	ng		98
54) 2,4-Dinitrophenol	14.439	184	13108	7.76	ng	#	85
55) Dibenzofuran	14.733	168	910929	50.38	ng		99
56) 4-Nitrophenol	14.551	139	236690	84.82	ng		94
57) 2,4-Dinitrotoluene	14.698	165	213241	50.18	ng		98
58) Fluorene	15.380	166	754191	50.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	161820	49.09	ng		96
60) Diethylphthalate	15.163	149	700422	47.57	ng		99
61) 4-Chlorophenyl-phenyle...	15.380	204	335149	49.35	ng		97
62) 4-Nitroaniline	15.398	138	152295	44.21	ng		96
63) Azobenzene	15.669	77	822984	48.57	ng		99
65) 4,6-Dinitro-2-methylph...	15.457	198	19086	8.11	ng		94
66) n-Nitrosodiphenylamine	15.592	169	616674	50.63	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	183011	50.01	ng		98
68) Hexachlorobenzene	16.380	284	201569	50.16	ng		96
69) Atrazine	16.545	200	196006	48.29	ng		98
70) Pentachlorophenol	16.721	266	148704	66.95	ng		98
71) Phenanthrene	17.116	178	1065796	50.04	ng		100
72) Anthracene	17.204	178	1087253	51.70	ng		100
73) Carbazole	17.474	167	967258	47.09	ng		100
74) Di-n-butylphthalate	18.045	149	1081725	45.94	ng		99
75) Fluoranthene	19.127	202	1086822	45.80	ng		99
77) Benzidine	19.315	184	221254	20.86	ng		99
78) Pyrene	19.486	202	1116163	49.13	ng		100
80) Butylbenzylphthalate	20.392	149	463250	45.28	ng		94
81) Benzo(a)anthracene	21.227	228	1036498	47.50	ng		99
82) 3,3'-Dichlorobenzidine	21.162	252	204606	27.91	ng		100
83) Chrysene	21.280	228	988030	46.25	ng		99
84) Bis(2-ethylhexyl)phtha...	21.168	149	657599	41.78	ng		100
85) Di-n-octyl phthalate	22.039	149	1118494	41.41	ng		98
87) Indeno(1,2,3-cd)pyrene	25.686	276	1634912	58.33	ng		99
88) Benzo(b)fluoranthene	22.792	252	1158372	46.39	ng		100
89) Benzo(k)fluoranthene	22.839	252	1037285	43.45	ng		99
90) Benzo(a)pyrene	23.356	252	1048370	45.92	ng		98
91) Dibenzo(a,h)anthracene	25.697	278	1374088	57.10	ng		99
92) Benzo(g,h,i)perylene	26.368	276	1360441	58.64	ng		100

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

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