Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029334.D
Acq On : 03 Apr 2021 01:04
Operator : CG/JU
Sample : M1883-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : IEC-R2MS

Quant Time: Apr 03 01:41:49 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	7.699	152	110823	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	417413	20.00	ng		0.00
39) Acenaphthene-d10	14.333	164	222196	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	403786	20.00	ng		0.00
76) Chrysene-d12	21.245	240	333433	20.00	ng		0.00
86) Perylene-d12	23.450	264	366953	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	949596	141.47	ng		0.00
7) Phenol-d6	6.875	99	1132409	119.51	ng		0.00
23) Nitrobenzene-d5	8.851	82	901467	99.01	ng		0.00
42) 2,4,6-Tribromophenol	15.822	330	307394	138.41	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1624196	101.84	ng		0.00
79) Terphenyl-d14	19.698	244	1648324	93.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	134350	46.05	ng	#	30
3) Pyridine	3.646	79	340318	46.16	ng		95
4) n-Nitrosodimethylamine	3.546	42	198226	56.36	ng		95
6) Aniline	7.034	93	118483	11.45	ng		96
8) 2-Chlorophenol	7.269	128	367962	49.53	ng		99
9) Benzaldehyde	6.846	77	190807	32.00	ng		98
10) Phenol	6.904	94	423120	45.40	ng		99
11) bis(2-Chloroethyl)ether	7.128	93	364268	51.62	ng		99
12) 1,3-Dichlorobenzene	7.587	146	396670	49.05	ng		99
13) 1,4-Dichlorobenzene	7.734	146	404354	49.16	ng		99
14) 1,2-Dichlorobenzene	8.046	146	382387	48.34	ng		98
15) Benzyl Alcohol	7.940	79	358220	51.27	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.234	45	531603	50.26	ng		99
17) 2-Methylphenol	8.140	107	300227	49.45	ng		98
18) Hexachloroethane	8.769	117	159695	49.65	ng		96
19) n-Nitroso-di-n-propyla...	8.504	70	304181	47.48	ng		99
20) 3+4-Methylphenols	8.469	107	395024	47.99	ng		98
22) Acetophenone	8.516	105	558240	51.71	ng	#	99
24) Nitrobenzene	8.893	77	459001	49.13	ng		99
25) Isophorone	9.416	82	772421	47.42	ng		100
26) 2-Nitrophenol	9.598	139	183698	49.21	ng		94
27) 2,4-Dimethylphenol	9.663	122	321564	54.87	ng		98
28) bis(2-Chloroethoxy)met...	9.898	93	450540	53.52	ng		100
29) 2,4-Dichlorophenol	10.128	162	313222	48.27	ng		97
30) 1,2,4-Trichlorobenzene	10.345	180	341368	48.68	ng		99
31) Naphthalene	10.528	128	1246910	56.68	ng		99
32) Benzoic acid	9.745	122	30976	7.00	ng		97
33) 4-Chloroaniline	10.645	127	52038	5.87	ng		98
34) Hexachlorobutadiene	10.816	225	198339	48.03	ng		95
35) Caprolactam	11.422	113	76845	37.66	ng		88
36) 4-Chloro-3-methylphenol	11.769	107	320675	45.88	ng		95
37) 2-Methylnaphthalene	12.145	142	844756	54.48	ng		99
38) 1-Methylnaphthalene	12.369	142	752808	51.33	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	339211	54.43	ng	#	97
41) Hexachlorocyclopentadiene	12.498	237	390463	108.00	ng		96
43) 2,4,6-Trichlorophenol	12.757	196	222545	50.31	ng		99

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44) 2,4,5-Trichlorophenol	12.828	196	232529	48.75	ng	95
46) 1,1'-Biphenyl	13.163	154	924781	53.76	ng	98
47) 2-Chloronaphthalene	13.204	162	705366	53.02	ng	98
48) 2-Nitroaniline	13.410	65	234173	52.76	ng	97
49) Acenaphthylene	14.051	152	1149845	55.40	ng	99
50) Dimethylphthalate	13.798	163	803100	50.06	ng	100
51) 2,6-Dinitrotoluene	13.910	165	175048	49.01	ng	94
52) Acenaphthene	14.398	154	676067	52.68	ng	99
53) 3-Nitroaniline	14.239	138	73520	20.17	ng	99
54) 2,4-Dinitrophenol	14.445	184	21738	11.56	ng	96
55) Dibenzofuran	14.733	168	1007206	50.05	ng	100
56) 4-Nitrophenol	14.551	139	254289	81.88	ng	97
57) 2,4-Dinitrotoluene	14.698	165	228467	48.31	ng	98
58) Fluorene	15.380	166	830536	50.32	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	179610	48.96	ng	95
60) Diethylphthalate	15.163	149	780649	47.63	ng	99
61) 4-Chlorophenyl-phenyle...	15.380	204	380784	50.38	ng	97
62) 4-Nitroaniline	15.398	138	162206	42.31	ng	97
63) Azobenzene	15.669	77	913924	48.46	ng	99
65) 4,6-Dinitro-2-methylph...	15.457	198	27713	10.74	ng	94
66) n-Nitrosodiphenylamine	15.592	169	681010	51.00	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	204708	51.02	ng	98
68) Hexachlorobenzene	16.380	284	223964	50.83	ng	95
69) Atrazine	16.545	200	216554	48.66	ng	98
70) Pentachlorophenol	16.721	266	188869	76.67	ng	98
71) Phenanthrene	17.116	178	1150287	49.26	ng	99
72) Anthracene	17.204	178	1173843	50.91	ng	99
73) Carbazole	17.474	167	1027684	45.64	ng	99
74) Di-n-butylphthalate	18.045	149	1210879	46.91	ng	100
75) Fluoranthene	19.127	202	1158043	44.51	ng	99
77) Benzidine	19.315	184	239408	22.14	ng	100
78) Pyrene	19.486	202	1199046	51.75	ng	99
80) Butylbenzylphthalate	20.392	149	493860	47.34	ng	93
81) Benzo(a)anthracene	21.227	228	1065436	47.88	ng	100
82) 3,3'-Dichlorobenzidine	21.162	252	206138	27.57	ng	98
83) Chrysene	21.280	228	1015687	46.62	ng	100
84) Bis(2-ethylhexyl)phtha...	21.168	149	716057	44.61	ng	100
85) Di-n-octyl phthalate	22.039	149	1196097	43.42	ng	98
87) Indeno(1,2,3-cd)pyrene	25.691	276	1575691	58.25	ng	99
88) Benzo(b)fluoranthene	22.792	252	1124220	46.65	ng	99
89) Benzo(k)fluoranthene	22.839	252	1027424	44.59	ng	99
90) Benzo(a)pyrene	23.356	252	1022507	46.41	ng	99
91) Dibenzo(a,h)anthracene	25.697	278	1321484	56.90	ng	100
92) Benzo(g,h,i)perylene	26.368	276	1318678	58.90	ng	99

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

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