Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029320.D
Acq On : 02 Apr 2021 14:44
Operator : CG/JU
Sample : M1874-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FS-SB11(14-15)MS

Quant Time: Apr 02 15:51:44 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	123498	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	461571	20.00	ng	0.00
39) Acenaphthene-d10	14.333	164	243614	20.00	ng	0.00
64) Phenanthrene-d10	17.074	188	450262	20.00	ng	0.00
76) Chrysene-d12	21.250	240	392396	20.00	ng	0.00
86) Perylene-d12	23.462	264	437768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	923219	123.43	ng	0.00
7) Phenol-d6	6.881	99	1197653	113.42	ng	0.00
23) Nitrobenzene-d5	8.851	82	812167	80.67	ng	0.00
42) 2,4,6-Tribromophenol	15.821	330	294421	120.91	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1485020	84.92	ng	0.00
79) Terphenyl-d14	19.698	244	1625613	78.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	144743	44.52	ng	98
3) Pyridine	3.622	79	413454	50.32	ng	99
4) n-Nitrosodimethylamine	3.540	42	227088	57.94	ng	89
6) Aniline	7.034	93	556690	48.29	ng	99
8) 2-Chlorophenol	7.269	128	413357	49.93	ng	99
9) Benzaldehyde	6.845	77	299196	45.02	ng	98
10) Phenol	6.904	94	552578	53.21	ng	98
11) bis(2-Chloroethyl)ether	7.134	93	395811	50.34	ng	97
12) 1,3-Dichlorobenzene	7.593	146	447153	49.62	ng	98
13) 1,4-Dichlorobenzene	7.734	146	454286	49.56	ng	98
14) 1,2-Dichlorobenzene	8.051	146	434525	49.29	ng	99
15) Benzyl Alcohol	7.940	79	391657	50.31	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.234	45	570760	48.43	ng	99
17) 2-Methylphenol	8.145	107	342816	50.67	ng	98
18) Hexachloroethane	8.775	117	175255	48.89	ng	99
19) n-Nitroso-di-n-propyla...	8.510	70	329586	46.17	ng	96
20) 3+4-Methylphenols	8.469	107	452935	49.38	ng	98
22) Acetophenone	8.522	105	595798	49.91	ng	99
24) Nitrobenzene	8.898	77	491876	47.61	ng	98
25) Isophorone	9.422	82	835153	46.36	ng	98
26) 2-Nitrophenol	9.598	139	209672	50.80	ng	96
27) 2,4-Dimethylphenol	9.669	122	361405	55.77	ng	98
28) bis(2-Chloroethoxy)met...	9.904	93	490432	52.69	ng	100
29) 2,4-Dichlorophenol	10.134	162	354045	49.34	ng	98
30) 1,2,4-Trichlorobenzene	10.345	180	379616	48.95	ng	98
31) Naphthalene	10.533	128	1167346	47.99	ng	99
32) Benzoic acid	9.810	122	238913	48.80	ng	96
33) 4-Chloroaniline	10.639	127	194852	19.88	ng	99
34) Hexachlorobutadiene	10.822	225	217619	47.66	ng	97
35) Caprolactam	11.433	113	106753	47.32	ng	93
36) 4-Chloro-3-methylphenol	11.775	107	361239	46.74	ng	96
37) 2-Methylnaphthalene	12.145	142	819963	47.83	ng	98
38) 1-Methylnaphthalene	12.369	142	751355	46.33	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	377316	55.23	ng	98
41) Hexachlorocyclopentadiene	12.504	237	488874	123.33	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	253137	52.20	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	273093	52.22	ng	97
46) 1,1'-Biphenyl	13.169	154	1000019	53.03	ng	99
47) 2-Chloronaphthalene	13.210	162	757427	51.92	ng	100
48) 2-Nitroaniline	13.410	65	260642	53.56	ng	97
49) Acenaphthylene	14.057	152	1255061	55.15	ng	99
50) Dimethylphthalate	13.798	163	919960	52.30	ng	99
51) 2,6-Dinitrotoluene	13.916	165	190252	48.58	ng	98
52) Acenaphthene	14.398	154	736194	52.32	ng	99
53) 3-Nitroaniline	14.239	138	120453	30.14	ng	99
54) 2,4-Dinitrophenol	14.445	184	204603	99.27	ng	92
55) Dibenzofuran	14.733	168	1073105	48.64	ng	99
56) 4-Nitrophenol	14.557	139	353266	103.75	ng	97
57) 2,4-Dinitrotoluene	14.698	165	254971	49.17	ng	97
58) Fluorene	15.386	166	899413	49.70	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.963	232	212502	52.83	ng	98
60) Diethylphthalate	15.168	149	879225	48.93	ng	99
61) 4-Chlorophenyl-phenyle...	15.380	204	414707	50.04	ng	97
62) 4-Nitroaniline	15.404	138	196777	46.82	ng	98
63) Azobenzene	15.674	77	995615	48.15	ng	99
65) 4,6-Dinitro-2-methylph...	15.463	198	125795	43.71	ng	99
66) n-Nitrosodiphenylamine	15.598	169	749483	50.33	ng	100
67) 4-Bromophenyl-phenylether	16.274	248	223396	49.93	ng	97
68) Hexachlorobenzene	16.386	284	246853	50.25	ng	97
69) Atrazine	16.551	200	253393	51.06	ng	97
70) Pentachlorophenol	16.727	266	327035	115.91	ng	98
71) Phenanthrene	17.115	178	1273031	48.89	ng	98
72) Anthracene	17.204	178	1306714	50.82	ng	99
73) Carbazole	17.474	167	1170629	46.62	ng	100
74) Di-n-butylphthalate	18.045	149	1439713	50.02	ng	100
75) Fluoranthene	19.133	202	1346969	46.43	ng	99
77) Benzidine	19.315	184	520483	40.90	ng	99
78) Pyrene	19.492	202	1375071	50.43	ng	100
80) Butylbenzylphthalate	20.398	149	624372	50.85	ng	97
81) Benzo(a)anthracene	21.233	228	1276507	48.75	ng	100
82) 3,3'-Dichlorobenzidine	21.168	252	360487	40.98	ng	99
83) Chrysene	21.286	228	1217622	47.49	ng	100
84) Bis(2-ethylhexyl)phtha...	21.174	149	920138	48.71	ng	100
85) Di-n-octyl phthalate	22.044	149	1549384	47.79	ng	100
87) Indeno(1,2,3-cd)pyrene	25.697	276	1769275	54.83	ng	99
88) Benzo(b)fluoranthene	22.797	252	1350477	46.98	ng	99
89) Benzo(k)fluoranthene	22.844	252	1222634	44.48	ng	99
90) Benzo(a)pyrene	23.362	252	1210495	46.05	ng	97
91) Dibenzo(a,h)anthracene	25.709	278	1488851	53.74	ng	98
92) Benzo(g,h,i)perylene	26.380	276	1452421	54.38	ng	99

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

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