Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029581.D
Acq On : 22 Apr 2021 00:14
Operator : CG/JU
Sample : M2111-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-2MS

Manual Integrations APPROVED
mohammad
4/22/2021 12:11:24 PM

Quant Time: Apr 22 04:31:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 15:14:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.645	152	78366	20.00	ng		0.00
21) Naphthalene-d8	10.428	136	323923	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	237964	20.00	ng		0.00
64) Phenanthrene-d10	17.033	188	534464	20.00	ng		0.00
76) Chrysene-d12	21.215	240	627827	20.00	ng		0.00
86) Perylene-d12	23.409	264	634128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.246	112	556985	142.49	ng		0.00
7) Phenol-d6	6.828	99	777728	133.21	ng		0.00
23) Nitrobenzene-d5	8.804	82	516425	82.11	ng		0.00
42) 2,4,6-Tribromophenol	15.786	330	420431	127.75	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	1458352	83.18	ng		0.00
79) Terphenyl-d14	19.662	244	2432777	73.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	62855	39.89	ng		98
3) Pyridine	3.569	79	178588	44.47	ng		95
4) n-Nitrosodimethylamine	3.487	42	99905	50.69	ng		98
6) Aniline	6.981	93	282638	44.04	ng		99
8) 2-Chlorophenol	7.216	128	256017	52.68	ng		97
9) Benzaldehyde	6.793	77	141174	42.53	ng		98
10) Phenol	6.857	94	342977	60.62	ng		98
11) bis(2-Chloroethyl)ether	7.081	93	215792	50.00	ng		99
12) 1,3-Dichlorobenzene	7.534	146	271309	48.44	ng		100
13) 1,4-Dichlorobenzene	7.681	146	279400	48.72	ng		99
14) 1,2-Dichlorobenzene	7.992	146	272862	47.73	ng		98
15) Benzyl Alcohol	7.892	79	235238	55.45	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	282717	49.69	ng		98
17) 2-Methylphenol	8.092	107	220309	55.88	ng		98
18) Hexachloroethane	8.716	117	102228	49.36	ng		93
19) n-Nitroso-di-n-propyla...	8.457	70	203914	47.89	ng		98
20) 3+4-Methylphenols	8.422	107	298207	54.99	ng		98
22) Acetophenone	8.469	105	381041	49.06	ng	#	99
24) Nitrobenzene	8.845	77	298068	46.86	ng		99
25) Isophorone	9.369	82	553585	46.84	ng		99
26) 2-Nitrophenol	9.551	139	138657	45.51	ng		99
27) 2,4-Dimethylphenol	9.616	122	252365	59.44	ng		96
28) bis(2-Chloroethoxy)met...	9.851	93	321229	55.01	ng		99
29) 2,4-Dichlorophenol	10.081	162	305574	54.57	ng		96
30) 1,2,4-Trichlorobenzene	10.292	180	307083	47.61	ng		99
31) Naphthalene	10.475	128	786996	47.25	ng		99
32) Benzoic acid	9.781	122	162748	44.41	ng		99
33) 4-Chloroaniline	10.592	127	132531	20.18	ng		99
34) Hexachlorobutadiene	10.763	225	191970	46.75	ng		94
35) Caprolactam	11.392	113	80628m	47.55	ng		
36) 4-Chloro-3-methylphenol	11.728	107	281261	51.39	ng		99
37) 2-Methylnaphthalene	12.098	142	644940	48.37	ng		99
38) 1-Methylnaphthalene	12.316	142	595900	46.87	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	371739	52.10	ng		99
41) Hexachlorocyclopentadiene	12.451	237	486743	122.23	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	259913	52.98	ng		100

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44) 2,4,5-Trichlorophenol	12.786	196	283867	52.41	ng	99
46) 1,1'-Biphenyl	13.122	154	888867	51.10	ng	99
47) 2-Chloronaphthalene	13.163	162	692983	49.78	ng	100
48) 2-Nitroaniline	13.369	65	189203	48.60	ng	95
49) Acenaphthylene	14.010	152	1148473	53.81	ng	99
50) Dimethylphthalate	13.757	163	981221	54.56	ng	100
51) 2,6-Dinitrotoluene	13.874	165	195735	49.44	ng	98
52) Acenaphthene	14.357	154	682500	51.05	ng	99
53) 3-Nitroaniline	14.204	138	94960	27.21	ng	100
54) 2,4-Dinitrophenol	14.410	184	246619	96.76	ng	94
55) Dibenzofuran	14.692	168	1096372	48.56	ng	98
56) 4-Nitrophenol	14.521	139	320246	109.36	ng	96
57) 2,4-Dinitrotoluene	14.663	165	273704	51.19	ng	98
58) Fluorene	15.339	166	959388	50.61	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.921	232	245452	50.94	ng	99
60) Diethylphthalate	15.127	149	907959	51.43	ng	98
61) 4-Chlorophenyl-phenyle...	15.339	204	490581	51.15	ng	96
62) 4-Nitroaniline	15.368	138	178563	45.45	ng	99
63) Azobenzene	15.633	77	838511	50.03	ng	99
65) 4,6-Dinitro-2-methylph...	15.427	198	148819	41.89	ng	98
66) n-Nitrosodiphenylamine	15.557	169	807576	48.88	ng	99
67) 4-Bromophenyl-phenylether	16.233	248	276801	49.60	ng	96
68) Hexachlorobenzene	16.345	284	306776	48.35	ng	98
69) Atrazine	16.510	200	315630	53.55	ng	99
70) Pentachlorophenol	16.686	266	421728	102.08	ng	99
71) Phenanthrene	17.074	178	1479789	48.09	ng	99
72) Anthracene	17.168	178	1535010	50.56	ng	100
73) Carbazole	17.439	167	1341653	47.17	ng	99
74) Di-n-butylphthalate	18.009	149	1637695	53.03	ng	100
75) Fluoranthene	19.092	202	1807422	48.43	ng	99
77) Benzidine	19.286	184	1189785	89.51	ng	99
78) Pyrene	19.456	202	1875001	46.42	ng	100
80) Butylbenzylphthalate	20.362	149	783970	51.84	ng	97
81) Benzo(a)anthracene	21.198	228	1961713	47.23	ng	99
82) 3,3'-Dichlorobenzidine	21.139	252	368321	27.76	ng	99
83) Chrysene	21.250	228	1895842	46.45	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1269941	52.41	ng	98
85) Di-n-octyl phthalate	22.003	149	2178929	53.58	ng	100
87) Indeno(1,2,3-cd)pyrene	25.621	276	2325355	47.43	ng	100
88) Benzo(b)fluoranthene	22.756	252	1990266	48.13	ng	99
89) Benzo(k)fluoranthene	22.797	252	1958659	47.26	ng	99
90) Benzo(a)pyrene	23.315	252	1762034	45.38	ng	100
91) Dibenzo(a,h)anthracene	25.633	278	1961138	46.39	ng	99
92) Benzo(g,h,i)perylene	26.297	276	1775863	45.42	ng	99

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

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