Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
Data File : BM029258.D
Acq On : 29 Mar 2021 23:34
Operator : CG/JU
Sample : M1828-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FS-SB13(25-26)MSD

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:45 PM

Quant Time: Mar 30 05:17:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	114929	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	451925	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	261557	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	538175	20.00	ng	0.00
76) Chrysene-d12	21.291	240	599941	20.00	ng	0.00
86) Perylene-d12	23.527	264	608114	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	480238	72.03	ng	0.00
7) Phenol-d6	6.934	99	623864	65.20	ng	0.01
23) Nitrobenzene-d5	8.904	82	420582	45.18	ng	0.00
42) 2,4,6-Tribromophenol	15.868	330	174636	72.10	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	671066	36.39	ng	0.00
79) Terphenyl-d14	19.739	244	908059	30.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	112102	36.99	ng	98
3) Pyridine	3.693	79	316802	43.37	ng	100
4) n-Nitrosodimethylamine	3.604	42	156219	47.65	ng	90
6) Aniline	7.087	93	269230	25.97	ng	99
8) 2-Chlorophenol	7.328	128	326564	43.41	ng	99
9) Benzaldehyde	6.904	77	247863	41.25	ng	99
10) Phenol	6.957	94	412322	43.62	ng	97
11) bis(2-Chloroethyl)ether	7.186	93	302950	44.79	ng	98
12) 1,3-Dichlorobenzene	7.645	146	356433	42.35	ng	98
13) 1,4-Dichlorobenzene	7.792	146	361284	42.33	ng	98
14) 1,2-Dichlorobenzene	8.104	146	343256	41.85	ng	99
15) Benzyl Alcohol	7.998	79	305492	44.14	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.286	45	432093	41.66	ng	100
17) 2-Methylphenol	8.198	107	265558	43.72	ng	99
18) Hexachloroethane	8.828	117	138755	44.75	ng	99
19) n-Nitroso-di-n-propyla...	8.557	70	253381	41.05	ng	97
20) 3+4-Methylphenols	8.528	107	355516	43.73	ng	99
22) Acetophenone	8.575	105	471725	41.70	ng	99
24) Nitrobenzene	8.951	77	384788	39.61	ng	97
25) Isophorone	9.475	82	660254	41.29	ng	99
26) 2-Nitrophenol	9.657	139	164732	50.85	ng	99
27) 2,4-Dimethylphenol	9.722	122	285605	45.99	ng	97
28) bis(2-Chloroethoxy)met...	9.951	93	390907	46.24	ng	99
29) 2,4-Dichlorophenol	10.186	162	274331	40.62	ng	97
30) 1,2,4-Trichlorobenzene	10.404	180	310473	40.49	ng	99
31) Naphthalene	10.586	128	945970	39.71	ng	99
32) Benzoic acid	9.863	122	201231	49.88	ng	98
33) 4-Chloroaniline	10.698	127	97417	10.35	ng	98
34) Hexachlorobutadiene	10.874	225	179832	40.38	ng	98
35) Caprolactam	11.480	113	87500m	40.33	ng	
36) 4-Chloro-3-methylphenol	11.827	107	301688	41.84	ng	95
37) 2-Methylnaphthalene	12.198	142	676328	40.60	ng	99
38) 1-Methylnaphthalene	12.421	142	622962	39.32	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	322527	44.00	ng	98
41) Hexachlorocyclopentadiene	12.551	237	415711	103.36	ng	98
43) 2,4,6-Trichlorophenol	12.816	196	216839	45.44	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	225879	42.58	ng	98
46) 1,1'-Biphenyl	13.216	154	842778	42.39	ng	97
47) 2-Chloronaphthalene	13.257	162	649868	41.51	ng	99
48) 2-Nitroaniline	13.457	65	218645	43.07	ng	98
49) Acenaphthylene	14.104	152	1074376	45.11	ng	100
50) Dimethylphthalate	13.845	163	768985	42.07	ng	100
51) 2,6-Dinitrotoluene	13.957	165	170677	43.17	ng	98
52) Acenaphthene	14.445	154	647263	42.76	ng	98
53) 3-Nitroaniline	14.286	138	101191	25.28	ng	97
54) 2,4-Dinitrophenol	14.492	184	164868	71.36	ng	99
55) Dibenzofuran	14.780	168	952296	39.99	ng	99
56) 4-Nitrophenol	14.598	139	330199	90.31	ng	97
57) 2,4-Dinitrotoluene	14.745	165	231292	40.45	ng	97
58) Fluorene	15.427	166	803917	41.64	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	181880	41.84	ng	98
60) Diethylphthalate	15.210	149	791263	43.94	ng	99
61) 4-Chlorophenyl-phenyle...	15.427	204	370812	41.63	ng	98
62) 4-Nitroaniline	15.445	138	189208	40.28	ng	97
63) Azobenzene	15.715	77	874568	42.49	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	103095	33.51	ng	99
66) n-Nitrosodiphenylamine	15.639	169	681475	39.55	ng	98
67) 4-Bromophenyl-phenylether	16.315	248	212155	43.00	ng	98
68) Hexachlorobenzene	16.433	284	229793	39.59	ng	99
69) Atrazine	16.592	200	244717	44.99	ng	97
70) Pentachlorophenol	16.774	266	221100	61.83	ng	99
71) Phenanthrene	17.162	178	1239832	39.73	ng	99
72) Anthracene	17.251	178	1283839	42.34	ng	99
73) Carbazole	17.521	167	1204205	40.36	ng	99
74) Di-n-butylphthalate	18.092	149	1454778	50.55	ng	100
75) Fluoranthene	19.174	202	1568258	45.49	ng	99
77) Benzidine	19.362	184	937508	54.09	ng	100
78) Pyrene	19.533	202	1566729	38.57	ng	100
80) Butylbenzylphthalate	20.439	149	751812	48.71	ng	99
81) Benzo(a)anthracene	21.274	228	1601633	40.91	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	333818	28.53	ng	98
83) Chrysene	21.327	228	1514109	38.65	ng	100
84) Bis(2-ethylhexyl)phtha...	21.209	149	1139030	50.93	ng	99
85) Di-n-octyl phthalate	22.086	149	2015673	54.56	ng	99
87) Indeno(1,2,3-cd)pyrene	25.791	276	1874805	42.15	ng	100
88) Benzo(b)fluoranthene	22.856	252	1585131	40.07	ng	100
89) Benzo(k)fluoranthene	22.897	252	1554153	40.43	ng	99
90) Benzo(a)pyrene	23.427	252	1413874	39.45	ng	97
91) Dibenzo(a,h)anthracene	25.803	278	1572584	41.30	ng	99
92) Benzo(g,h,i)perylene	26.485	276	1512595	40.55	ng	99

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

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