Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123410.D
Acq On : 23 Mar 2021 18:49
Operator : JU/CG
Sample : M1690-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WCMSD

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:17 PM

Quant Time: Mar 24 00:25:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	235038	20.00	ng		0.00
21) Naphthalene-d8	8.198	136	897247	20.00	ng		# 0.00
39) Acenaphthene-d10	9.963	164	512088	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	892291	20.00	ng		0.00
76) Chrysene-d12	14.104	240	555728	20.00	ng		0.00
86) Perylene-d12	15.604	264	428052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1816024	126.40	ng		0.02
7) Phenol-d6	6.539	99	2228289	116.51	ng		0.00
23) Nitrobenzene-d5	7.481	82	1657739	99.72	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	786452	137.37	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	2953363	82.39	ng		0.00
79) Terphenyl-d14	13.051	244	3143990	95.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	258993	37.48	ng	#	68
3) Pyridine	3.569	79	707572	38.94	ng	#	59
4) n-Nitrosodimethylamine	3.516	42	451375	41.52	ng	#	65
6) Aniline	6.575	93	733183	31.33	ng		92
8) 2-Chlorophenol	6.698	128	685203	43.25	ng		88
9) Benzaldehyde	6.463	77	503837	Below Cal			93
10) Phenol	6.551	94	864938	44.06	ng		97
11) bis(2-Chloroethyl)ether	6.651	93	661957	42.29	ng	#	83
12) 1,3-Dichlorobenzene	6.857	146	696213	40.73	ng	#	96
13) 1,4-Dichlorobenzene	6.933	146	700748	40.99	ng		97
14) 1,2-Dichlorobenzene	7.086	146	681447	42.91	ng		98
15) Benzyl Alcohol	7.051	79	649424	43.37	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1493983	42.53	ng		86
17) 2-Methylphenol	7.163	107	571767	43.90	ng		98
18) Hexachloroethane	7.433	117	280655	43.81	ng		98
19) n-Nitroso-di-n-propyla...	7.333	70	524571	42.40	ng	#	77
20) 3+4-Methylphenols	7.316	107	688312	42.42	ng		88
22) Acetophenone	7.328	105	946279	42.01	ng	#	94
24) Nitrobenzene	7.498	77	749095	40.76	ng	#	94
25) Isophorone	7.739	82	1448699	40.53	ng		98
26) 2-Nitrophenol	7.810	139	346611	52.76	ng	#	84
27) 2,4-Dimethylphenol	7.845	122	658053	45.04	ng		98
28) bis(2-Chloroethoxy)met...	7.945	93	863937	44.85	ng		99
29) 2,4-Dichlorophenol	8.051	162	599393	41.80	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	619478	39.60	ng		99
31) Naphthalene	8.222	128	1916289	39.72	ng		99
32) Benzoic acid	7.975	122	516362	59.90	ng		97
33) 4-Chloroaniline	8.263	127	309029	15.61	ng	#	95
34) Hexachlorobutadiene	8.345	225	375807	39.38	ng		99
35) Caprolactam	8.651	113	191136m	44.32	ng		
36) 4-Chloro-3-methylphenol	8.745	107	637261	42.34	ng		95
37) 2-Methylnaphthalene	8.916	142	1363723	41.24	ng		100
38) 1-Methylnaphthalene	9.016	142	1267296	40.82	ng		99
40) 1,2,4,5-Tetrachloroben...	9.080	216	593347	38.94	ng		98
41) Hexachlorocyclopentadiene	9.075	237	722053	84.87	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	443454	41.56	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	458451	40.89	ng		96
46) 1,1'-Biphenyl	9.380	154	1591052	40.32	ng		99
47) 2-Chloronaphthalene	9.410	162	1226487	38.10	ng		98
48) 2-Nitroaniline	9.498	65	463315	47.43	ng	#	73
49) Acenaphthylene	9.827	152	2056397	40.84	ng		100
50) Dimethylphthalate	9.686	163	1521810	41.84	ng		99
51) 2,6-Dinitrotoluene	9.745	165	333468	43.89	ng	#	80
52) Acenaphthene	9.998	154	1399729	44.53	ng		98
53) 3-Nitroaniline	9.910	138	198125	24.69	ng		87
54) 2,4-Dinitrophenol	10.016	184	350181	95.03	ng	#	83
55) Dibenzofuran	10.174	168	1726655	38.21	ng		98
56) 4-Nitrophenol	10.074	139	558928	86.37	ng	#	75
57) 2,4-Dinitrotoluene	10.151	165	443595	46.78	ng		96
58) Fluorene	10.516	166	1307248	38.32	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	376444	41.13	ng	#	93
60) Diethylphthalate	10.392	149	1450218	40.84	ng		100
61) 4-Chlorophenyl-phenyle...	10.504	204	654497	39.25	ng		95
62) 4-Nitroaniline	10.533	138	324162	42.63	ng		96
63) Azobenzene	10.669	77	1508231	38.60	ng		92
65) 4,6-Dinitro-2-methylph...	10.557	198	210956	44.38	ng	#	69
66) n-Nitrosodiphenylamine	10.627	169	1185683	39.66	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	446496	42.25	ng		99
68) Hexachlorobenzene	11.063	284	480334	41.24	ng		96
69) Atrazine	11.157	200	412394	43.40	ng		97
70) Pentachlorophenol	11.257	266	579563	83.40	ng		99
71) Phenanthrene	11.480	178	1925135	39.03	ng		99
72) Anthracene	11.533	178	2000729	40.32	ng		99
73) Carbazole	11.680	167	1764888	37.65	ng		99
74) Di-n-butylphthalate	12.021	149	2225565	41.71	ng		99
75) Fluoranthene	12.674	202	2054429	38.47	ng		97
77) Benzidine	12.786	184	547469	33.07	ng		99
78) Pyrene	12.904	202	2049696	42.76	ng		99
80) Butylbenzylphthalate	13.521	149	868073	48.82	ng		93
81) Benzo(a)anthracene	14.092	228	1474269	40.53	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	292614	24.73	ng		96
83) Chrysene	14.133	228	1496889	39.86	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	1074471	45.90	ng		100
85) Di-n-octyl phthalate	14.704	149	1666671	45.05	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.133	276	1243062	46.73	ng		100
88) Benzo(b)fluoranthene	15.162	252	1250602	42.35	ng		99
89) Benzo(k)fluoranthene	15.198	252	1085745m	38.89	ng		
90) Benzo(a)pyrene	15.545	252	1003245	39.35	ng		99
91) Dibenzo(a,h)anthracene	17.156	278	1036379	45.89	ng		98
92) Benzo(g,h,i)perylene	17.592	276	1049111	46.41	ng		99

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

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