Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123795.D
Acq On : 3 May 2021 23:53
Operator : JU/CG
Sample : M2235-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-043021MSD

Manual Integrations APPROVED
mohammad
5/4/2021 2:58:19 PM

Quant Time: May 04 00:58:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	256994	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	935174	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	401580	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	624003	20.00	ng		0.00
76) Chrysene-d12	13.980	240	417332	20.00	ng	#	0.00
86) Perylene-d12	15.433	264	336745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1744131	107.52	ng		0.02
7) Phenol-d6	6.457	99	2284431	102.23	ng		0.01
23) Nitrobenzene-d5	7.375	82	1599941	77.23	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	472729	94.56	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2084445	75.59	ng		0.00
79) Terphenyl-d14	12.921	244	1414721	65.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	384939	44.05	ng		100
3) Pyridine	3.357	79	913935	42.79	ng		94
4) n-Nitrosodimethylamine	3.316	42	626959	53.29	ng		99
6) Aniline	6.469	93	456240	17.65	ng	#	1
8) 2-Chlorophenol	6.598	128	830572	47.60	ng		98
9) Benzaldehyde	6.357	77	748865	69.24	ng		100
10) Phenol	6.469	94	1132528	47.18	ng		86
11) bis(2-Chloroethyl)ether	6.545	93	872366	49.78	ng		98
12) 1,3-Dichlorobenzene	6.751	146	843618	47.85	ng		97
13) 1,4-Dichlorobenzene	6.828	146	831945	46.64	ng		98
14) 1,2-Dichlorobenzene	6.981	146	807471	46.62	ng		98
15) Benzyl Alcohol	6.957	79	843752	48.17	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1780478	47.77	ng		90
17) 2-Methylphenol	7.075	107	697062	46.88	ng		96
18) Hexachloroethane	7.322	117	319437	45.24	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	631690	45.78	ng		96
20) 3+4-Methylphenols	7.228	107	864317	45.68	ng		97
22) Acetophenone	7.222	105	1246371	49.03	ng		96
24) Nitrobenzene	7.398	77	988309	45.80	ng		99
25) Isophorone	7.634	82	1701521	43.80	ng		99
26) 2-Nitrophenol	7.710	139	425401	48.31	ng		99
27) 2,4-Dimethylphenol	7.757	122	706547	51.08	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	990286	50.03	ng		100
29) 2,4-Dichlorophenol	7.963	162	609104	44.68	ng		97
30) 1,2,4-Trichlorobenzene	8.039	180	661052	46.27	ng		99
31) Naphthalene	8.122	128	2188369	45.44	ng		99
32) Benzoic acid	7.898	122	491060	51.28	ng		94
33) 4-Chloroaniline	8.186	127	141394	7.04	ng		95
34) Hexachlorobutadiene	8.239	225	404346	46.44	ng		98
35) Caprolactam	8.545	113	208769m	43.61	ng		
36) 4-Chloro-3-methylphenol	8.657	107	762983	44.86	ng		98
37) 2-Methylnaphthalene	8.810	142	1384184	44.11	ng		98
38) 1-Methylnaphthalene	8.910	142	1267853	42.98	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	607219	51.38	ng		99
41) Hexachlorocyclopentadiene	8.963	237	225206	45.30	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	406642	49.95	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	421512	48.26	ng	97
46) 1,1'-Biphenyl	9.275	154	1629502	49.53	ng	99
47) 2-Chloronaphthalene	9.298	162	1187967	47.89	ng	99
48) 2-Nitroaniline	9.398	65	534990	48.96	ng	99
49) Acenaphthylene	9.716	152	1901990	47.50	ng	99
50) Dimethylphthalate	9.581	163	1435621	50.76	ng	99
51) 2,6-Dinitrotoluene	9.639	165	295073	45.12	ng	89
52) Acenaphthene	9.886	154	1124501	46.09	ng	98
53) 3-Nitroaniline	9.804	138	194509	24.90	ng	98
54) 2,4-Dinitrophenol	9.916	184	215254	61.98	ng	89
55) Dibenzofuran	10.057	168	1611831	43.68	ng	99
56) 4-Nitrophenol	9.980	139	472467	83.06	ng	94
57) 2,4-Dinitrotoluene	10.045	165	370302	41.53	ng	96
58) Fluorene	10.404	166	1217075	42.92	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	301247	43.56	ng	97
60) Diethylphthalate	10.275	149	1361247	45.21	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	564594	42.73	ng	97
62) 4-Nitroaniline	10.422	138	260328	33.64	ng	98
63) Azobenzene	10.551	77	1427257	41.24	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	131027	33.89	ng	83
66) n-Nitrosodiphenylamine	10.510	169	1055665	51.72	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	334750	50.94	ng	95
68) Hexachlorobenzene	10.951	284	360341	48.18	ng	97
69) Atrazine	11.039	200	290342	47.05	ng	98
70) Pentachlorophenol	11.145	266	377541	99.04	ng	97
71) Phenanthrene	11.363	178	1549225	47.33	ng	99
72) Anthracene	11.416	178	1544651	47.47	ng	100
73) Carbazole	11.569	167	1394282	42.39	ng	99
74) Di-n-butylphthalate	11.904	149	1671600	45.27	ng	98
75) Fluoranthene	12.551	202	1670225	46.79	ng	99
77) Benzidine	12.674	184	491074	45.44	ng	98
78) Pyrene	12.780	202	1663421	51.35	ng	99
80) Butylbenzylphthalate	13.398	149	638589	46.14	ng	99
81) Benzo(a)anthracene	13.968	228	1231070	48.68	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	242569	31.23	ng	96
83) Chrysene	14.010	228	1242500	48.84	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	786367	45.74	ng	100
85) Di-n-octyl phthalate	14.574	149	1342760	48.84	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	997388	50.86	ng	98
88) Benzo(b)fluoranthene	15.015	252	1190989m	52.48	ng	
89) Benzo(k)fluoranthene	15.045	252	944880	43.63	ng	99
90) Benzo(a)pyrene	15.380	252	977608	50.38	ng	97
91) Dibenzo(a,h)anthracene	16.904	278	786516	47.50	ng	99
92) Benzo(g,h,i)perylene	17.327	276	844815	50.94	ng	96

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

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