Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032921\
Data File : BF123506.D
Acq On : 29 Mar 2021 20:52
Operator : JU/CG
Sample : M1791-16MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXTERIOR-SLAB-BRICK-1MSD

Manual Integrations APPROVED
mohammad
3/30/2021 12:41:07 PM

Quant Time: Mar 30 00:34:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:51:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	275548	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	1028329	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	552481	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	981421	20.00	ng	0.00
76) Chrysene-d12	14.086	240	597873	20.00	ng	0.00
86) Perylene-d12	15.580	264	535675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1715951	101.88	ng	0.03
7) Phenol-d6	6.534	99	2066949	92.19	ng	0.00
23) Nitrobenzene-d5	7.469	82	1609854	84.49	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	770247	124.70	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2835020	73.31	ng	0.00
79) Terphenyl-d14	13.027	244	2977898	84.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.410	88	10724	1.32	ng	# 24
3) Pyridine	3.634	79	690060	32.39	ng	# 62
4) n-Nitrosodimethylamine	3.581	42	479897	37.65	ng	# 68
6) Aniline	6.563	93	308193	11.23	ng	91
8) 2-Chlorophenol	6.686	128	751231	40.45	ng	89
9) Benzaldehyde	6.451	77	380617	34.21	ng	97
10) Phenol	6.545	94	795530	34.57	ng	98
11) bis(2-Chloroethyl)ether	6.633	93	763352	41.60	ng	# 82
12) 1,3-Dichlorobenzene	6.845	146	780029	38.92	ng	97
13) 1,4-Dichlorobenzene	6.916	146	781500	38.99	ng	95
14) 1,2-Dichlorobenzene	7.069	146	752430	40.41	ng	96
15) Benzyl Alcohol	7.045	79	666175	37.95	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1540011	37.39	ng	90
17) 2-Methylphenol	7.157	107	605732	39.67	ng	96
18) Hexachloroethane	7.416	117	301242	40.11	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	549622	37.90	ng	# 77
20) 3+4-Methylphenols	7.304	107	690544	36.30	ng	97
22) Acetophenone	7.310	105	1022495	39.61	ng	# 82
24) Nitrobenzene	7.486	77	834067	39.60	ng	97
25) Isophorone	7.722	82	1512697	36.93	ng	97
26) 2-Nitrophenol	7.798	139	375320	49.85	ng	# 86
27) 2,4-Dimethylphenol	7.839	122	668553	39.92	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	918576	41.61	ng	99
29) 2,4-Dichlorophenol	8.045	162	642192	39.07	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	695825	38.81	ng	100
31) Naphthalene	8.210	128	2072078	37.48	ng	99
32) Benzoic acid	7.963	122	462828	46.85	ng	95
33) 4-Chloroaniline	8.251	127	112992	4.98	ng	# 94
34) Hexachlorobutadiene	8.328	225	427006	39.04	ng	98
35) Caprolactam	8.627	113	180013m	36.42	ng	
36) 4-Chloro-3-methylphenol	8.739	107	690890	40.05	ng	95
37) 2-Methylnaphthalene	8.904	142	1462794	38.59	ng	100
38) 1-Methylnaphthalene	8.998	142	1362510	38.29	ng	97
40) 1,2,4,5-Tetrachloroben...	9.069	216	670069	40.76	ng	99
41) Hexachlorocyclopentadiene	9.057	237	691796	75.37	ng	96
43) 2,4,6-Trichlorophenol	9.180	196	460092	39.97	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	500759	41.40	ng		99
46) 1,1'-Biphenyl	9.369	154	1735263	40.76	ng		97
47) 2-Chloronaphthalene	9.392	162	1338048	38.52	ng		99
48) 2-Nitroaniline	9.486	65	487347	46.24	ng	#	76
49) Acenaphthylene	9.810	152	2214356	40.76	ng		100
50) Dimethylphthalate	9.669	163	1593515	40.61	ng		99
51) 2,6-Dinitrotoluene	9.727	165	359227	43.82	ng	#	77
52) Acenaphthene	9.980	154	1482046	43.70	ng		99
53) 3-Nitroaniline	9.892	138	159423	18.42	ng		83
54) 2,4-Dinitrophenol	10.004	184	319835	81.78	ng		94
55) Dibenzofuran	10.157	168	1834553	37.63	ng		100
56) 4-Nitrophenol	10.063	139	521293	74.67	ng	#	70
57) 2,4-Dinitrotoluene	10.133	165	474718	46.40	ng	#	87
58) Fluorene	10.498	166	1444074	39.23	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	424015	42.94	ng		95
60) Diethylphthalate	10.369	149	1536387	40.11	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	715478	39.77	ng		97
62) 4-Nitroaniline	10.516	138	320960	39.12	ng		94
63) Azobenzene	10.651	77	1539834	36.53	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	216224	41.71	ng	#	74
66) n-Nitrosodiphenylamine	10.610	169	1269474	38.60	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	477971	41.12	ng		96
68) Hexachlorobenzene	11.045	284	524044	40.91	ng		97
69) Atrazine	11.139	200	488920	46.78	ng		97
70) Pentachlorophenol	11.239	266	582915	76.26	ng		98
71) Phenanthrene	11.463	178	2104525	38.79	ng		99
72) Anthracene	11.516	178	2113339	38.73	ng		99
73) Carbazole	11.668	167	1911153	37.07	ng		99
74) Di-n-butylphthalate	11.998	149	2310839	39.37	ng		99
75) Fluoranthene	12.651	202	2191060	37.30	ng		98
77) Benzidine	12.768	184	131966	7.41	ng		98
78) Pyrene	12.886	202	2179363	42.26	ng		99
80) Butylbenzylphthalate	13.504	149	898906	46.99	ng		99
81) Benzo(a)anthracene	14.074	228	1548453	39.57	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	229935	18.07	ng		100
83) Chrysene	14.109	228	1535516	38.01	ng		100
84) Bis(2-ethylhexyl)phtha...	14.062	149	1148890	45.62	ng		98
85) Di-n-octyl phthalate	14.680	149	1723643	43.30	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.098	276	1539439	46.25	ng		98
88) Benzo(b)fluoranthene	15.139	252	1424162	38.54	ng		97
89) Benzo(k)fluoranthene	15.174	252	1210038m	34.64	ng		
90) Benzo(a)pyrene	15.515	252	1160535	36.38	ng		100
91) Dibenzo(a,h)anthracene	17.121	278	1257672	44.50	ng		99
92) Benzo(g,h,i)perylene	17.556	276	1295893	45.81	ng		97

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

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