Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
Data File : BF124308.D
Acq On : 14 Jun 2021 16:06
Operator : JU/CG
Sample : M2626-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B12(218-222)MS

Manual Integrations APPROVED
mohammad
6/15/2021 2:39:10 PM

Quant Time: Jun 14 18:18:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 14 12:10:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	28536	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	112631	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	66660	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	125737	20.000	ng		0.00
76) Chrysene-d12	14.016	240	82819	20.000	ng		0.00
86) Perylene-d12	15.492	264	71045	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	277379	146.324	ng		0.02
7) Phenol-d6	6.481	99	303916	119.274	ng		0.00
23) Nitrobenzene-d5	7.398	82	290561	102.317	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	150201	159.042	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	546633	103.190	ng		0.00
79) Terphenyl-d14	12.957	244	627458	104.019	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	36607	44.127	ng	#	73
3) Pyridine	3.451	79	65076	30.629	ng	#	83
4) n-Nitrosodimethylamine	3.381	42	60154	47.649	ng		100
6) Aniline	6.498	93	44786	15.388	ng	#	1
8) 2-Chlorophenol	6.628	128	106538	50.508	ng		98
9) Benzaldehyde	6.387	77	61033	53.887	ng		95
10) Phenol	6.498	94	115437	41.921	ng	#	81
11) bis(2-Chloroethyl)ether	6.569	93	116416	57.992	ng		91
12) 1,3-Dichlorobenzene	6.775	146	92064m	37.335	ng		
13) 1,4-Dichlorobenzene	6.851	146	92174	37.266	ng		90
14) 1,2-Dichlorobenzene	6.998	146	94733	40.037	ng		97
15) Benzyl Alcohol	6.981	79	118273	51.489	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.110	45	140261	44.788	ng	#	47
17) 2-Methylphenol	7.098	107	90976	53.057	ng	#	81
18) Hexachloroethane	7.339	117	34825	35.753	ng	#	89
19) n-Nitroso-di-n-propyla...	7.251	70	95680	53.193	ng		87
20) 3+4-Methylphenols	7.251	107	114176	50.254	ng		93
22) Acetophenone	7.245	105	172485	53.720	ng	#	97
24) Nitrobenzene	7.416	77	139849	49.089	ng		94
25) Isophorone	7.657	82	236745	46.263	ng		95
26) 2-Nitrophenol	7.734	139	64799	50.919	ng		93
27) 2,4-Dimethylphenol	7.781	122	100909	56.232	ng		90
28) bis(2-Chloroethoxy)met...	7.863	93	138430	54.565	ng		97
29) 2,4-Dichlorophenol	7.986	162	102319	49.276	ng		90
30) 1,2,4-Trichlorobenzene	8.057	180	99412	42.721	ng		96
31) Naphthalene	8.139	128	289255	42.955	ng		98
32) Benzoic acid	7.916	122	50475	45.839	ng		92
33) 4-Chloroaniline	8.192	127	8116	3.240	ng	#	73
34) Hexachlorobutadiene	8.251	225	60499	36.807	ng		98
35) Caprolactam	8.575	113	22353m	39.185	ng		
36) 4-Chloro-3-methylphenol	8.686	107	113055	49.765	ng		91
37) 2-Methylnaphthalene	8.834	142	232725	49.283	ng		95
38) 1-Methylnaphthalene	8.928	142	210496	47.700	ng		96
40) 1,2,4,5-Tetrachloroben...	8.998	216	121317	51.366	ng		99
41) Hexachlorocyclopentadiene	8.981	237	73383	59.473	ng		94
43) 2,4,6-Trichlorophenol	9.116	196	76465	49.641	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	84094	50.856	ng		94
46) 1,1'-Biphenyl	9.298	154	294564	52.347	ng		97
47) 2-Chloronaphthalene	9.322	162	230296	50.280	ng		97
48) 2-Nitroaniline	9.422	65	88640	53.626	ng		98
49) Acenaphthylene	9.739	152	345964	51.964	ng		97
50) Dimethylphthalate	9.598	163	295803	53.635	ng		98
51) 2,6-Dinitrotoluene	9.663	165	66320	52.446	ng		94
52) Acenaphthene	9.910	154	222075	51.070	ng		98
53) 3-Nitroaniline	9.833	138	24183	20.433	ng		98
54) 2,4-Dinitrophenol	9.951	184	67346	103.105	ng	#	90
55) Dibenzofuran	10.080	168	351800	51.691	ng		99
56) 4-Nitrophenol	10.022	139	72261	85.434	ng		89
57) 2,4-Dinitrotoluene	10.075	165	93441	56.029	ng	#	91
58) Fluorene	10.428	166	279431	53.488	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.210	232	68391	51.038	ng		97
60) Diethylphthalate	10.298	149	304409	54.692	ng		94
61) 4-Chlorophenyl-phenyle...	10.416	204	136681	51.169	ng		99
62) 4-Nitroaniline	10.457	138	64606	54.291	ng	#	81
63) Azobenzene	10.575	77	288782	49.774	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	46847	46.362	ng	#	71
66) n-Nitrosodiphenylamine	10.539	169	249304	52.183	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	87817	50.884	ng		94
68) Hexachlorobenzene	10.980	284	98105	50.188	ng		92
69) Atrazine	11.069	200	86399	63.886	ng		97
70) Pentachlorophenol	11.180	266	81099	78.804	ng		95
71) Phenanthrene	11.392	178	419119	53.360	ng		97
72) Anthracene	11.445	178	428874	54.217	ng		100
73) Carbazole	11.604	167	353226	51.241	ng		97
74) Di-n-butylphthalate	11.927	149	465961	52.597	ng		98
75) Fluoranthene	12.586	202	424111	51.440	ng		97
77) Benzidine	12.704	184	35513m	20.903	ng		
78) Pyrene	12.816	202	424055	53.322	ng		98
80) Butylbenzylphthalate	13.427	149	165608	51.334	ng		91
81) Benzo(a)anthracene	14.004	228	301586	49.987	ng		97
82) 3,3'-Dichlorobenzidine	13.963	252	45375	25.636	ng		94
83) Chrysene	14.045	228	301486	51.793	ng		97
84) Bis(2-ethylhexyl)phtha...	13.986	149	235374	61.334	ng		94
85) Di-n-octyl phthalate	14.604	149	323220	63.109	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.992	276	308277	51.762	ng		97
88) Benzo(b)fluoranthene	15.063	252	298836	54.148	ng		95
89) Benzo(k)fluoranthene	15.092	252	245263	46.944	ng		98
90) Benzo(a)pyrene	15.433	252	260907	54.429	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	258543	50.955	ng		97
92) Benzo(g,h,i)perylene	17.445	276	261360	52.127	ng		97

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

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