Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090321\
Data File : BF125349.D
Acq On : 3 Sep 2021 16:36
Operator : JU/CG
Sample : M3606-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BPU-2MSD

Manual Integrations APPROVED
mohammad
9/7/2021 11:36:46 AM

Quant Time: Sep 03 17:03:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	178868	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	685527	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	358816	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	636626	20.000	ng	0.00
76) Chrysene-d12	14.069	240	383928	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	351632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	615337	52.070	ng	0.00
7) Phenol-d6	6.522	99	497804	32.571	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1087329	79.852	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	503062	140.450	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1877088	72.911	ng	0.00
79) Terphenyl-d14	13.010	244	2059913	85.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	94923	16.278	ng	# 100
3) Pyridine	3.516	79	193477	12.568	ng	# 89
4) n-Nitrosodimethylamine	3.457	42	116709	15.151	ng	# 32
6) Aniline	6.557	93	438706	24.437	ng	# 93
8) 2-Chlorophenol	6.681	128	393266	32.622	ng	# 81
9) Benzaldehyde	6.451	77	395435	36.867	ng	92
10) Phenol	6.540	94	224472	14.025	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	508774	40.362	ng	85
12) 1,3-Dichlorobenzene	6.840	146	491921	35.213	ng	98
13) 1,4-Dichlorobenzene	6.916	146	495018	35.563	ng	98
14) 1,2-Dichlorobenzene	7.069	146	485231	37.053	ng	99
15) Benzyl Alcohol	7.040	79	300318	25.521	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	951061	37.622	ng	95
17) 2-Methylphenol	7.151	107	270463	26.707	ng	96
18) Hexachloroethane	7.410	117	176262	36.162	ng	# 87
19) n-Nitroso-di-n-propyla...	7.310	70	371441	40.405	ng	# 77
20) 3+4-Methylphenols	7.304	107	285944	22.494	ng	# 40
22) Acetophenone	7.310	105	680372	38.564	ng	# 96
24) Nitrobenzene	7.481	77	563744	37.995	ng	# 87
25) Isophorone	7.722	82	1023747	38.972	ng	# 89
26) 2-Nitrophenol	7.798	139	258675	43.661	ng	# 83
27) 2,4-Dimethylphenol	7.834	122	350240	33.768	ng	93
28) bis(2-Chloroethoxy)met...	7.928	93	642617	44.183	ng	# 96
29) 2,4-Dichlorophenol	8.039	162	392959	37.150	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	427784	37.087	ng	97
31) Naphthalene	8.204	128	1262465	35.959	ng	100
32) Benzoic acid	7.916	122	59175	8.406	ng	# 82
33) 4-Chloroaniline	8.251	127	337311	24.371	ng	# 91
34) Hexachlorobutadiene	8.316	225	265822	36.142	ng	98
35) Caprolactam	8.628	113	21683m	7.914	ng	
36) 4-Chloro-3-methylphenol	8.728	107	395463	36.622	ng	90
37) 2-Methylnaphthalene	8.898	142	896360	38.637	ng	99
38) 1-Methylnaphthalene	8.998	142	829701	38.298	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	461303	39.350	ng	97
41) Hexachlorocyclopentadiene	9.045	237	451732	73.343	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	320475	38.824	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	333651	38.420	ng		96
46)	1,1'-Biphenyl	9.357	154	1056488	36.521	ng		97
47)	2-Chloronaphthalene	9.386	162	889295	37.829	ng		98
48)	2-Nitroaniline	9.481	65	330233	45.318	ng	#	81
49)	Acenaphthylene	9.804	152	1324028	38.651	ng		99
50)	Dimethylphthalate	9.663	163	1055621	42.453	ng	#	98
51)	2,6-Dinitrotoluene	9.728	165	235942	43.760	ng		98
52)	Acenaphthene	9.975	154	787733	37.094	ng		98
53)	3-Nitroaniline	9.892	138	161659	27.803	ng	#	76
54)	2,4-Dinitrophenol	10.004	184	238965	112.203	ng	#	82
55)	Dibenzofuran	10.145	168	1163751	38.079	ng		98
56)	4-Nitrophenol	10.051	139	128287	27.861	ng	#	73
57)	2,4-Dinitrotoluene	10.128	165	307353	47.100	ng	#	98
58)	Fluorene	10.492	166	901153	39.883	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.263	232	264633	41.062	ng	#	84
60)	Diethylphthalate	10.357	149	1031107	42.535	ng		99
61)	4-Chlorophenyl-phenyle...	10.480	204	471833	41.302	ng	#	86
62)	4-Nitroaniline	10.510	138	226347	43.290	ng	#	82
63)	Azobenzene	10.639	77	1051250	38.663	ng		91
65)	4,6-Dinitro-2-methylph...	10.539	198	164018	48.678	ng		84
66)	n-Nitrosodiphenylamine	10.598	169	880878	38.643	ng		97
67)	4-Bromophenyl-phenylether	10.969	248	324442	42.440	ng		92
68)	Hexachlorobenzene	11.039	284	335663	42.681	ng	#	80
69)	Atrazine	11.128	200	293004	44.794	ng		90
70)	Pentachlorophenol	11.233	266	350970	76.431	ng		91
71)	Phenanthrene	11.451	178	1347533	38.415	ng		97
72)	Anthracene	11.504	178	1383023	40.000	ng		98
73)	Carbazole	11.657	167	1213873	38.419	ng		100
74)	Di-n-butylphthalate	11.980	149	1566368	41.776	ng		99
75)	Fluoranthene	12.639	202	1375054	39.506	ng		96
77)	Benzidine	12.763	184	640590	47.775	ng		98
78)	Pyrene	12.874	202	1373651	41.710	ng		97
80)	Butylbenzylphthalate	13.480	149	591325	45.695	ng		88
81)	Benzo(a)anthracene	14.057	228	1110359	40.140	ng		99
82)	3,3'-Dichlorobenzidine	14.016	252	308060	35.926	ng		100
83)	Chrysene	14.098	228	1092608	39.939	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.039	149	813524	45.740	ng	#	98
85)	Di-n-octyl phthalate	14.651	149	1248975	42.222	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.074	276	1146679	45.266	ng	#	90
88)	Benzo(b)fluoranthene	15.121	252	991294	38.587	ng	#	95
89)	Benzo(k)fluoranthene	15.151	252	989295	41.269	ng		99
90)	Benzo(a)pyrene	15.498	252	965419	42.544	ng	#	97
91)	Dibenzo(a,h)anthracene	17.092	278	957429	43.724	ng	#	95
92)	Benzo(g,h,i)perylene	17.533	276	996818	47.212	ng	#	88

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

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